

ZH233 series electrical connector has characteristics such as environmental resistance, five key positioning to prevent insertion errors, and quick connection with a snap fit. The contact parts are crimped and then loosened before being removed , Plug with shielding components,all contacts are gold-plated.



Technical performance

- ⦿ vibration:1–5000Hz acceleration≤40g

⦿ working temperature :–60℃~+200℃

⦿ Impact: 500g once

⦿ contact resistance:

|        |        |        |
|--------|--------|--------|
| Ø1.0   | Ø1.5   | Ø2.0   |
| ≤7.4mΩ | ≤2.5mΩ | ≤1.6mΩ |

⦿ Voltage withstand:

|       |                 |              |
|-------|-----------------|--------------|
| grade | working voltage | test voltage |
| A     | 700V            | 2100V        |
| B     | 500V            | 1850V        |
| C     | 400V            | 1600V        |

⦿ Contact current:

|      |      |      |
|------|------|------|
| Ø1.0 | Ø1.5 | Ø2.0 |
| 11A  | 20A  | 35A  |
- ⦿ TY Salt spray resistance:96h

⦿ relative humidity:30℃~60℃ 92%~98%

⦿ insulation resistance:≥5000MΩ

⦿ Mechanical lifespan: 500 cycle

How to order ZH233 protective covers

|                                                     |       |   |    |   |    |
|-----------------------------------------------------|-------|---|----|---|----|
| Basic series                                        | ZH233 | – | 27 | Y | 14 |
| Type of protective cover                            |       |   |    |   |    |
| 27-Socket protection cover                          |       |   |    |   |    |
| 28-Plug protection cover                            |       |   |    |   |    |
| Plating code                                        |       |   |    |   |    |
| Y–Anodizing of aluminum alloy                       |       |   |    |   |    |
| N–Nickel plating on aluminum alloy                  |       |   |    |   |    |
| J–Rainbow cadmium plating on aluminum alloy         |       |   |    |   |    |
| W–Aluminum alloy plated with military green cadmium |       |   |    |   |    |
| Shell number                                        |       |   |    |   |    |
| 14、18、22、24、27、30、33、36、39                          |       |   |    |   |    |

### ➤ How to order

ZH233 L - 4 /10 P 1 O1 1 -7 - a

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

① Series name code: ZH233

② L-Left plug

③ Number of contacts: 3\4\7\10\19\24\28\32\41\43\45\55\61

④ Shell size: 14\18\22\24\27\30\33\36\39

⑤ Contact type: P-socket , B-pin

⑥ Connector Type: 1-Cable plug, 2-Instrument receptacle

⑦ Contact installation type:

O1-crimp, W2-PCB solder

⑧ Contact coating: 1-Gold plating

⑨ Connector tail type:

Omit - no tail components,

1-simplified tail for receptacle,

2-Straight clamp tail for receptacle

4-Right angle clamp tail for receptacle,

6-Straight clamp tail for plug

8-Right angle clamp tail for plug,

11-simplified tail for plug

12-09 Heat Shrinkable Tail for receptacle,

13-09 Heat Shrinkable Tail for plug

15-05 Straight shielded tail for receptacle,

16-05 Straight shielded tail for plug

17-05 Right shielded tail for receptacle,

18-05 Right shielded tail for plug

19-07 Simplified shielded tail for receptacle,

20-07 Simplified shielded tail for plug

21-08 Straight shielded clamp for receptacle,

22-08 Straight shielded clamp tail for plug

25-10 Right shielded clamp tail for receptacle,

26-10 Right shielded clamp tail for plug

27-11 Right angle shielded clamp tail for receptacle,

28-11 Straight clamp tail for plug

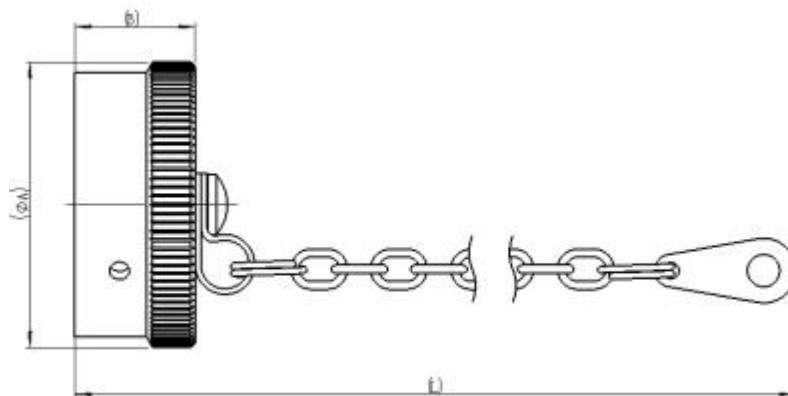
⑩ Key position: a\b\c\d, Omit-Standard keys

## ZH233 series circular connector

### How to order tail accessories

|                                                       |       |   |     |     |
|-------------------------------------------------------|-------|---|-----|-----|
| Basic series                                          | ZH233 | N | -05 | -33 |
| Surface Coating                                       |       |   |     |     |
| N-Shell nickel plating                                |       |   |     |     |
| J-Shell cadmium plating                               |       |   |     |     |
| Tail attachment type                                  |       |   |     |     |
| 5-Shielded straight tail accessory (with memory ring) |       |   |     |     |
| 6-Shielded curved tail accessory (with memory ring)   |       |   |     |     |
| 7-Shielded tail accessories (simplified)              |       |   |     |     |
| 8-Shielded straight clamp wire tail accessory         |       |   |     |     |
| 9-Thermoplastic tube type tail accessory              |       |   |     |     |
| 10-Shielded curved tail accessory                     |       |   |     |     |
| 11-Shielded bent clamp wire tail accessory            |       |   |     |     |
| Shell size                                            |       |   |     |     |
| 14、18、22、24、27、30、33、36、39                            |       |   |     |     |

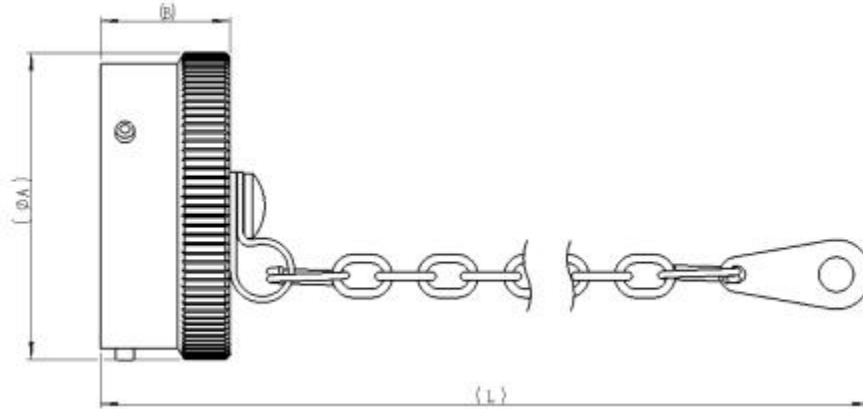
### ☉ ZH233 Series socket protection cover



| PN          | Shell size | A    | B     | L   |
|-------------|------------|------|-------|-----|
| ZH233-27Y14 | 14         | 22.6 | 14.1  | 111 |
| ZH233-27Y18 | 18         | 25.7 | 14.1  | 127 |
| ZH233-27Y22 | 22         | 29.7 | 14.1  | 127 |
| ZH233-27Y24 | 24         | 32.5 | 14.9  | 128 |
| ZH233-27Y27 | 27         | 35.3 | 14.9  | 128 |
| ZH233-27Y30 | 30         | 38.8 | 14.9  | 144 |
| ZH233-27Y33 | 33         | 41.8 | 14.9  | 144 |
| ZH233-27Y36 | 36         | 45   | 15.75 | 145 |
| ZH233-27Y39 | 39         | 48.4 | 15.75 | 145 |

## ZH233 series circular connector

### ◎ ZH233 Series plug protection cover

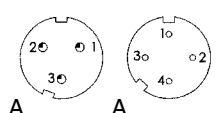
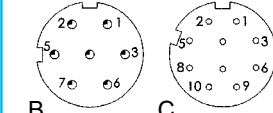
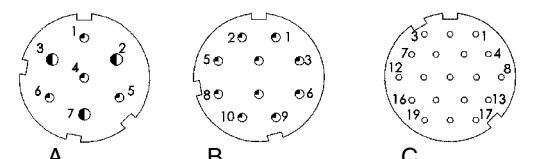
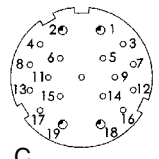
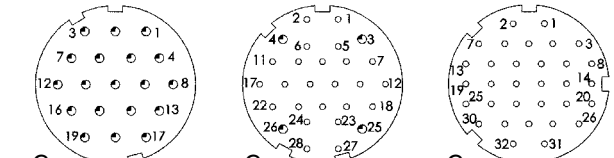
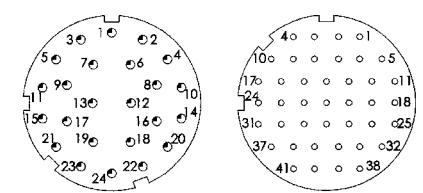
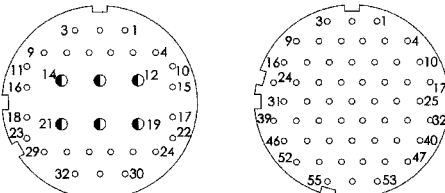
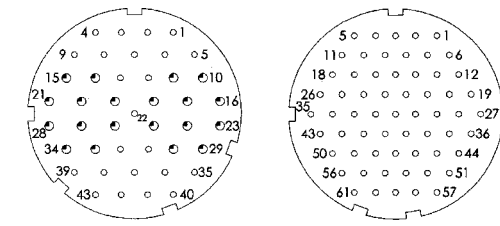
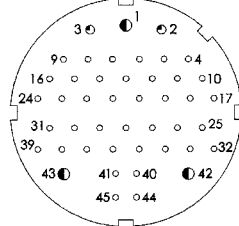


| PN          | Shell size | A    | B     | L   |
|-------------|------------|------|-------|-----|
| ZH233-28Y14 | 14         | 22.6 | 14.1  | 111 |
| ZH233-28Y18 | 18         | 25.7 | 14.1  | 127 |
| ZH233-28Y22 | 22         | 29.7 | 14.1  | 127 |
| ZH233-28Y24 | 24         | 32.5 | 14.9  | 128 |
| ZH233-28Y27 | 27         | 35.3 | 14.9  | 128 |
| ZH233-28Y30 | 30         | 38.8 | 14.9  | 144 |
| ZH233-28Y33 | 33         | 41.8 | 14.9  | 144 |
| ZH233-28Y36 | 36         | 45   | 15.75 | 145 |
| ZH233-28Y39 | 39         | 48.4 | 15.75 | 145 |

# ZH233 series circular connector

## Insulator arrangement(Pin direction view)

(Please refer to the distribution of insulation key positions and contact parts in ZH28 for details)

|      | 3/14                                                                                | 4/14 |      | 7/18                                                                                 | 10/18 | Contact diameter                                                                     | sign |
|------|-------------------------------------------------------------------------------------|------|------|--------------------------------------------------------------------------------------|-------|--------------------------------------------------------------------------------------|------|
| 14 # |    |      | 18 # |     |       | 1.0mm                                                                                | ○    |
|      |                                                                                     |      |      |                                                                                      |       | 1.5mm                                                                                | ◐    |
|      |                                                                                     |      |      |                                                                                      |       | 2.0mm                                                                                | ◑    |
| 22 # | 7/22                                                                                |      | 24 # | 10/22 19/22                                                                          |       | 19/24                                                                                |      |
|      |    |      |      |    |       |                                                                                      |      |
| 27 # | 19/27                                                                               |      | 30 # | 28/27 32/27                                                                          |       | 24/30 41/30                                                                          |      |
|      |   |      |      |   |       |                                                                                      |      |
|      |                                                                                     |      | 33 # |                                                                                      |       | 32/33 55/33                                                                          |      |
|      |                                                                                     |      |      |                                                                                      |       |  |      |
| 36 # | 43/36                                                                               |      | 39 # | 61/36                                                                                |       | 45/39                                                                                |      |
|      |  |      |      |  |       |                                                                                      |      |

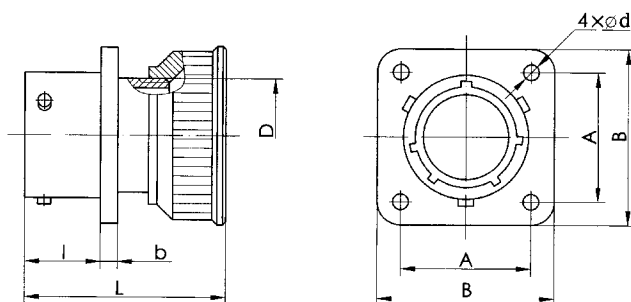
## ZH233 series circular connector

### Key position angle

| PN    | a、<br>(a) | σ、<br>(b) | B、<br>(c) | Γ<br>(d) | Unmarked | PN    | a、<br>(a) | σ、<br>(b) | B、<br>(c) | Γ<br>(d) | 无标志 |
|-------|-----------|-----------|-----------|----------|----------|-------|-----------|-----------|-----------|----------|-----|
| 3/14  | 160       |           |           |          | 0        | 28/27 | 45        | 150       | 195       |          | 0   |
| 4/14  |           | 135       |           |          | 0        | 32/27 | 45        | 135       |           | 270      | 0   |
| 7/18  | 90        |           |           |          | 0        | 24/30 | 90        | 135       | 200       |          | 0   |
| 10/18 |           | 70        |           |          | 0        | 41/30 | 45        | 90        |           |          | 0   |
| 7/22  | 80        | 170       | 225       |          | 0        | 32/33 | 90        | 120       |           |          | 0   |
| 10/22 |           | 100       | 195       |          | 0        | 55/33 | 75        | 90        |           | 165      | 0   |
| 19/22 | 30        |           | 225       |          | 0        | 43/36 | 90        | 135       | 200       | 250      | 0   |
| 19/24 | 30        | 120       | 245       |          | 0        | 61/36 | 90        | 160       | 190       |          | 0   |
| 19/27 | 30        | 195       |           |          | 0        | 45/39 | 90        | 180       | 270       | 315      | 0   |

### External installation dimensions

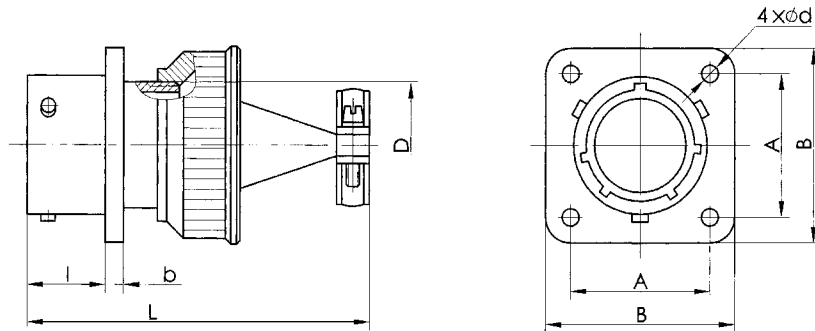
☉ 1- Socket with simplified tail accessories



| PN                | size mm |      |       |      |      |      |      |
|-------------------|---------|------|-------|------|------|------|------|
|                   | A       | B    | D     | dmin | l    | bmax | L    |
| ZH233-4/14B(P)-1  | 16.5    | 21.7 | 14    | 2.2  | 11.3 | 1.4  | 32.5 |
| ZH233-3/14B(P)-1  |         |      |       |      |      |      |      |
| ZH233-10/18B(P)-1 |         |      |       |      |      |      |      |
| ZH233-7/18B(P)-1  | 19.5    | 25.9 | 18.5  | 3.2  |      |      |      |
| ZH233-19/22B(P)-1 |         |      |       |      |      |      |      |
| ZH233-10/22B(P)-1 |         |      |       |      |      |      |      |
| ZH233-7/22B(P)-1  | 23      | 29.4 | 21.7  |      |      |      |      |
| ZH233-19/24B(P)-1 |         |      |       |      |      |      |      |
| ZH233-32/27B(P)-1 |         |      |       |      |      |      |      |
| ZH233-19/27B(P)-1 | 25      | 31.4 | 24.85 |      |      |      |      |
| ZH233-28/27B(P)-1 |         |      |       |      |      |      |      |
| ZH233-41/30B(P)-1 |         |      |       |      |      |      |      |
| ZH233-24/30B(P)-1 | 27      | 33.4 | 26.3  |      |      |      |      |
| ZH233-55/33B(P)-1 |         |      |       |      |      |      |      |
| ZH233-32/33B(P)-1 |         |      |       |      |      |      |      |
| ZH233-61/36B(P)-1 | 31      | 37.8 | 29.5  |      |      |      |      |
| ZH233-43/36B(P)-1 |         |      |       |      |      |      |      |
| ZH233-45/39B(P)-1 |         |      |       |      |      |      |      |
| ZH233-45/39B(P)-1 | 34      | 41.5 | 32.6  |      | 14.5 |      |      |
| ZH233-45/39B(P)-1 |         |      |       |      |      |      |      |
| ZH233-45/39B(P)-1 |         |      |       |      |      |      |      |
| ZH233-45/39B(P)-1 | 36.5    | 44.5 | 35.8  | 15.3 |      |      |      |
| ZH233-45/39B(P)-1 |         |      |       |      |      |      |      |
| ZH233-45/39B(P)-1 |         |      |       |      |      |      |      |
| ZH233-45/39B(P)-1 | 40      | 46.4 | 39    |      |      |      |      |
| ZH233-45/39B(P)-1 |         |      |       |      |      |      |      |
| ZH233-45/39B(P)-1 |         |      |       |      |      |      |      |

## ZH233 series circular connector

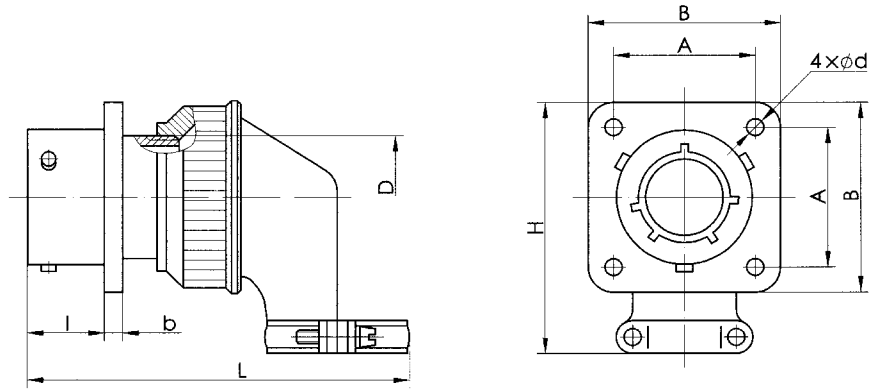
### 2- Socket with straight clamp type tail attachment



| PN                | size mm |      |       |      |      |      |    |      |      |    |
|-------------------|---------|------|-------|------|------|------|----|------|------|----|
|                   | A       | B    | D     | dmin | l    | bmax | L  |      |      |    |
| ZH233-4/14B(P)-2  | 16.5    | 21.7 | 14    | 2.2  | 11.3 | 1.4  | 42 |      |      |    |
| ZH233-3/14B(P)-2  |         |      |       |      |      |      |    |      |      |    |
| ZH233-10/18B(P)-2 | 19.5    | 25.9 | 18.5  | 3.2  |      | 1.8  | 48 |      |      |    |
| ZH233-7/18B(P)-2  |         |      |       |      |      |      |    |      |      |    |
| ZH233-19/22B(P)-2 | 23      | 29.4 | 21.7  |      |      |      |    |      |      |    |
| ZH233-10/22B(P)-2 |         |      |       |      |      |      |    |      |      |    |
| ZH233-7/22B(P)-2  | 25      | 31.4 | 24.85 |      |      |      |    |      |      |    |
| ZH233-19/24B(P)-2 |         |      |       |      |      |      |    |      |      |    |
| ZH233-32/27B(P)-2 | 27      | 33.4 | 26.3  |      |      |      |    |      |      |    |
| ZH233-19/27B(P)-2 |         |      |       |      |      |      |    |      |      |    |
| ZH233-28/27B(P)-2 | 31      | 37.8 | 29.5  |      |      |      |    |      |      |    |
| ZH233-41/30B(P)-2 |         |      |       |      |      |      |    |      |      |    |
| ZH233-24/30B(P)-2 | 34      | 41.5 | 32.6  |      |      |      |    | 14.5 | 2.15 | 50 |
| ZH233-55/33B(P)-2 |         |      |       |      |      |      |    |      |      |    |
| ZH233-32/33B(P)-2 |         |      |       |      |      |      |    |      |      |    |
| ZH233-61/36B(P)-2 | 36.5    | 44.5 | 35.8  |      |      |      |    |      |      |    |
| ZH233-43/36B(P)-2 |         |      |       |      |      |      |    |      |      |    |
| ZH233-45/39B(P)-2 | 40      | 46.4 | 39    | 15.3 |      |      |    |      |      |    |

## ZH233 series circular connector

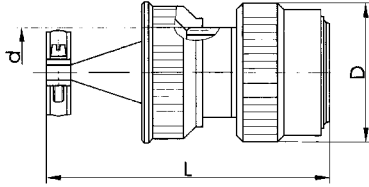
### 4- Socket with curved clamp type tail attachment



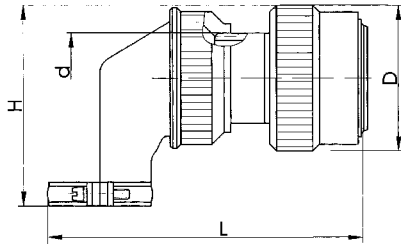
| PN                | size mm |      |       |      |      |      |    |    |  |  |  |
|-------------------|---------|------|-------|------|------|------|----|----|--|--|--|
|                   | A       | B    | D     | dmin | l    | bmax | H  | L  |  |  |  |
| ZH233-4/14B(P)-4  | 16.5    | 21.7 | 14    | 2.2  | 11.3 | 1.4  | 69 | 69 |  |  |  |
| ZH233-3/14B(P)-4  |         |      |       |      |      |      |    |    |  |  |  |
| ZH233-10/18B(P)-4 | 19.5    | 25.9 | 18.5  | 3.2  |      | 1.8  |    |    |  |  |  |
| ZH233-7/18B(P)-4  |         |      |       |      |      |      |    |    |  |  |  |
| ZH233-19/22B(P)-4 | 23      | 29.4 | 21.7  |      |      | 1.8  |    |    |  |  |  |
| ZH233-10/22B(P)-4 |         |      |       |      |      |      |    |    |  |  |  |
| ZH233-7/22B(P)-4  | 25      | 31.4 | 24.85 |      |      | 1.8  |    |    |  |  |  |
| ZH233-19/24B(P)-4 |         |      |       |      |      |      |    |    |  |  |  |
| ZH233-32/27B(P)-4 | 27      | 33.4 | 26.3  |      |      | 1.8  |    |    |  |  |  |
| ZH233-19/27B(P)-4 |         |      |       |      |      |      |    |    |  |  |  |
| ZH233-28/27B(P)-4 | 31      | 37.8 | 29.5  |      |      | 1.8  |    |    |  |  |  |
| ZH233-41/30B(P)-4 |         |      |       |      |      |      |    |    |  |  |  |
| ZH233-24/30B(P)-4 | 34      | 41.5 | 32.6  |      | 14.5 | 2.15 |    |    |  |  |  |
| ZH233-55/33B(P)-4 |         |      |       |      |      |      |    |    |  |  |  |
| ZH233-32/33B(P)-4 | 36.5    | 44.5 | 35.8  |      | 15.3 | 2.15 |    |    |  |  |  |
| ZH233-61/36B(P)-4 |         |      |       |      |      |      |    |    |  |  |  |
| ZH233-43/36B(P)-4 | 40      | 46.4 | 39    |      |      | 2.15 |    |    |  |  |  |
| ZH233-45/39B(P)-4 |         |      |       |      |      |      |    |    |  |  |  |

## ZH233 series circular connector

### 6-Plug with straight clip type tail



### 8-Plug with curved clamp tail

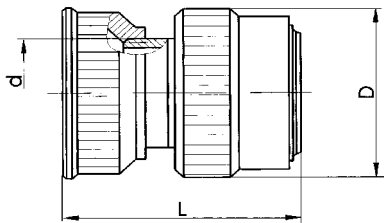


| PN                | size mm |       |    |
|-------------------|---------|-------|----|
|                   | Dmax    | d     | L  |
| ZH233-4/14B(P)-6  | 22.6    | 14    | 50 |
| ZH233-3/14B(P)-6  |         |       |    |
| ZH233-10/18B(P)-6 | 26      | 18.5  |    |
| ZH233-7/18B(P)-6  |         |       |    |
| ZH233-19/22B(P)-6 | 29.7    | 21.7  |    |
| ZH233-10/22B(P)-6 |         |       |    |
| ZH233-7/22B(P)-6  | 32.9    | 24.85 |    |
| ZH233-19/24B(P)-6 |         |       |    |
| ZH233-32/27B(P)-6 | 35.3    | 26.3  |    |
| ZH233-19/27B(P)-6 |         |       |    |
| ZH233-28/27B(P)-6 | 39      | 29.5  |    |
| ZH233-41/30B(P)-6 |         |       |    |
| ZH233-24/30B(P)-6 | 42      | 32.6  |    |
| ZH233-55/33B(P)-6 |         |       |    |
| ZH233-32/33B(P)-6 | 46      | 35.8  |    |
| ZH233-61/36B(P)-6 |         |       |    |
| ZH233-43/36B(P)-6 | 49      | 39    |    |
| ZH233-45/39B(P)-6 |         |       |    |

| PN                | size mm |       |    |    |  |
|-------------------|---------|-------|----|----|--|
|                   | D       | d     | H  | L  |  |
| ZH233-4/14B(P)-8  | 22.6    | 14    | 45 | 69 |  |
| ZH233-3/14B(P)-8  |         |       |    |    |  |
| ZH233-10/18B(P)-8 | 26      | 18.5  |    |    |  |
| ZH233-7/18B(P)-8  |         |       |    |    |  |
| ZH233-19/22B(P)-8 | 29.7    | 21.7  |    |    |  |
| ZH233-10/22B(P)-8 |         |       |    |    |  |
| ZH233-7/22B(P)-8  | 32.9    | 24.85 |    |    |  |
| ZH233-19/24B(P)-8 |         |       |    |    |  |
| ZH233-32/27B(P)-8 | 35.3    | 26.3  |    |    |  |
| ZH233-19/27B(P)-8 |         |       |    |    |  |
| ZH233-28/27B(P)-8 | 39      | 29.5  |    |    |  |
| ZH233-41/30B(P)-8 |         |       |    |    |  |
| ZH233-24/30B(P)-8 | 42      | 32.6  |    |    |  |
| ZH233-55/33B(P)-8 |         |       |    |    |  |
| ZH233-32/33B(P)-8 | 46      | 35.8  |    |    |  |
| ZH233-61/36B(P)-8 |         |       |    |    |  |
| ZH233-43/36B(P)-8 | 49      | 39    |    |    |  |
| ZH233-45/39B(P)-8 |         |       |    |    |  |

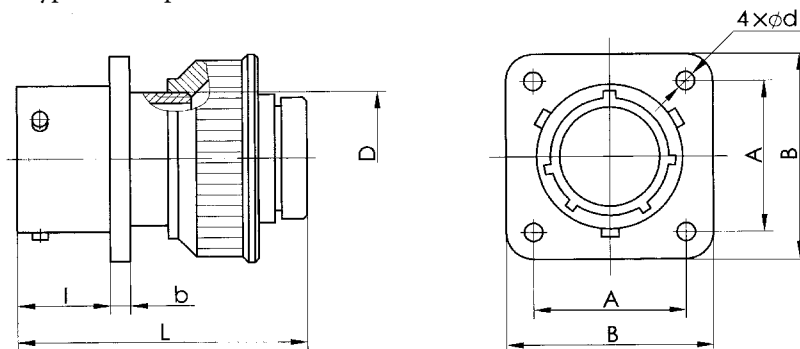
## ZH233 series circular connector

### 11-Plug with simplified tail attachment



| PN                 | size mm |       |      |
|--------------------|---------|-------|------|
|                    | Dmax    | d     | L    |
| ZH233-4/14B(P)-11  | 22.6    | 14    | 32.5 |
| ZH233-3/14B(P)-11  |         |       |      |
| ZH233-10/18B(P)-11 |         |       |      |
| ZH233-7/18B(P)-11  | 26      | 18.5  |      |
| ZH233-19/22B(P)-11 |         |       |      |
| ZH233-10/22B(P)-11 |         |       |      |
| ZH233-7/22B(P)-11  | 29.7    | 21.7  |      |
| ZH233-19/24B(P)-11 |         |       |      |
| ZH233-32/27B(P)-11 |         |       |      |
| ZH233-19/27B(P)-11 | 32.9    | 24.85 |      |
| ZH233-28/27B(P)-11 |         |       |      |
| ZH233-41/30B(P)-11 |         |       |      |
| ZH233-24/30B(P)-11 | 35.3    | 26.3  |      |
| ZH233-55/33B(P)-11 |         |       |      |
| ZH233-32/33B(P)-11 |         |       |      |
| ZH233-61/36B(P)-11 | 39      | 29.5  |      |
| ZH233-43/36B(P)-11 |         |       |      |
| ZH233-45/39B(P)-11 |         |       |      |
| ZH233-43/36B(P)-11 | 42      | 32.6  |      |
| ZH233-61/36B(P)-11 |         |       |      |
| ZH233-43/36B(P)-11 |         |       |      |
| ZH233-45/39B(P)-11 | 46      | 35.8  |      |
| ZH233-43/36B(P)-11 |         |       |      |
| ZH233-45/39B(P)-11 |         |       |      |
| ZH233-45/39B(P)-11 | 49      | 39    |      |
| ZH233-45/39B(P)-11 |         |       |      |
| ZH233-45/39B(P)-11 |         |       |      |

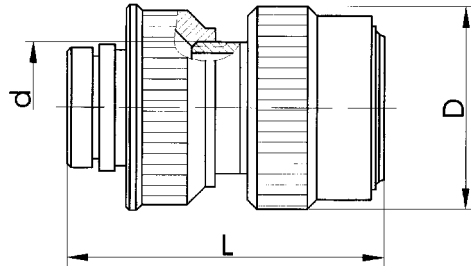
### 12-Socket with 09 type thermoplastic sleeve tail attachment



| PN                 | size mm |      |       |      |      |      |    |
|--------------------|---------|------|-------|------|------|------|----|
|                    | A       | B    | D     | dmin | l    | bmax | L  |
| ZH233-4/14B(P)-12  | 16.5    | 21.7 | 14    | 2.2  | 11.3 | 1.4  | 50 |
| ZH233-3/14B(P)-12  |         |      |       |      |      |      |    |
| ZH233-10/18B(P)-12 | 19.5    | 25.9 | 18.5  | 3.2  |      |      |    |
| ZH233-7/18B(P)-12  |         |      |       |      |      |      |    |
| ZH233-19/22B(P)-12 | 23      | 29.4 | 21.7  |      |      |      |    |
| ZH233-10/22B(P)-12 |         |      |       |      |      |      |    |
| ZH233-7/22B(P)-12  |         |      |       |      |      |      |    |
| ZH233-19/24B(P)-12 | 25      | 31.4 | 24.85 |      |      |      |    |
| ZH233-32/27B(P)-12 | 27      | 33.4 | 26.3  |      |      |      |    |
| ZH233-19/27B(P)-12 |         |      |       |      |      |      |    |
| ZH233-28/27B(P)-12 |         |      |       |      |      |      |    |
| ZH233-41/30B(P)-12 | 31      | 37.8 | 29.5  |      | 14.5 | 1.8  | 51 |
| ZH233-24/30B(P)-12 |         |      |       |      |      |      |    |
| ZH233-55/33B(P)-12 | 34      | 41.5 | 32.6  |      |      |      |    |
| ZH233-32/33B(P)-12 |         |      |       |      |      |      |    |
| ZH233-61/36B(P)-12 | 36.5    | 44.5 | 35.8  | 15.3 |      | 2.15 |    |
| ZH233-43/36B(P)-12 |         |      |       |      |      |      |    |
| ZH233-45/39B(P)-12 | 40      | 46.4 | 39    |      |      |      |    |

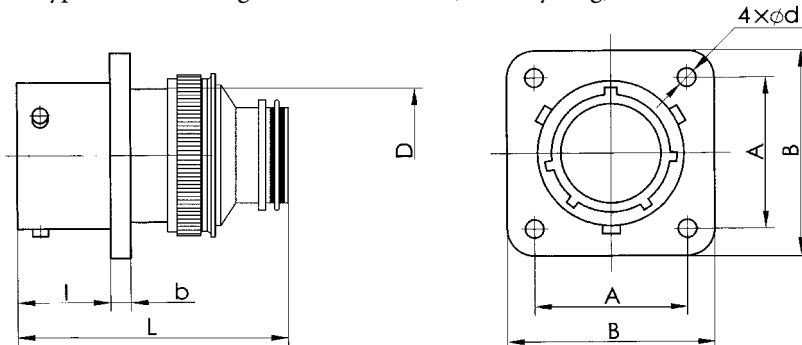
## ZH233 series circular connector

### 13-Plug with 09 type thermoplastic sleeve tail attachment



| PN                 | size mm |       |    |
|--------------------|---------|-------|----|
|                    | Dmax    | d     | L  |
| ZH233-4/14B(P)-13  | 22.6    | 14    | 50 |
| ZH233-3/14B(P)-13  |         |       |    |
| ZH233-10/18B(P)-13 | 26      | 18.5  |    |
| ZH233-7/18B(P)-13  |         |       |    |
| ZH233-19/22B(P)-13 | 29.7    | 21.7  |    |
| ZH233-10/22B(P)-13 |         |       |    |
| ZH233-7/22B(P)-13  | 32.9    | 24.85 |    |
| ZH233-19/24B(P)-13 |         |       |    |
| ZH233-32/27B(P)-13 | 35.3    | 26.3  |    |
| ZH233-19/27B(P)-13 |         |       |    |
| ZH233-28/27B(P)-13 | 39      | 29.5  |    |
| ZH233-41/30B(P)-13 |         |       |    |
| ZH233-24/30B(P)-13 | 42      | 32.6  |    |
| ZH233-55/33B(P)-13 |         |       |    |
| ZH233-32/33B(P)-13 | 46      | 35.8  | 51 |
| ZH233-61/36B(P)-13 |         |       |    |
| ZH233-43/36B(P)-13 |         |       |    |
| ZH233-45/39B(P)-13 | 49      | 39    |    |

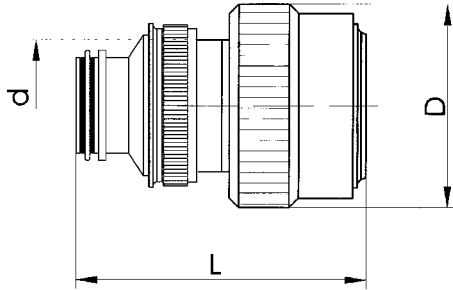
### 15-Socket with 05 type shielded straight tail attachment (memory ring)



| PN                 | size mm |      |       |      |      |      |    |
|--------------------|---------|------|-------|------|------|------|----|
|                    | A       | B    | D     | dmin | l    | bmax | L  |
| ZH233-4/14B(P)-15  | 16.5    | 21.7 | 14    | 2.2  | 11.3 | 1.4  | 55 |
| ZH233-3/14B(P)-15  |         |      |       |      |      |      |    |
| ZH233-10/18B(P)-15 | 19.5    | 25.9 | 18.5  | 3.2  |      | 1.8  |    |
| ZH233-7/18B(P)-15  |         |      |       |      |      |      |    |
| ZH233-19/22B(P)-15 | 23      | 29.4 | 21.7  |      |      |      |    |
| ZH233-10/22B(P)-15 |         |      |       |      |      |      |    |
| ZH233-7/22B(P)-15  | 25      | 31.4 | 24.85 |      |      |      |    |
| ZH233-19/24B(P)-15 |         |      |       |      |      |      |    |
| ZH233-32/27B(P)-15 | 27      | 33.4 | 26.3  |      |      |      |    |
| ZH233-19/27B(P)-15 |         |      |       |      |      |      |    |
| ZH233-28/27B(P)-15 | 31      | 37.8 | 29.5  |      |      |      |    |
| ZH233-24/30B(P)-15 |         |      |       |      |      |      |    |
| ZH233-55/33B(P)-15 | 34      | 41.5 | 32.6  | 14.5 |      | 2.15 |    |
| ZH233-32/33B(P)-15 |         |      |       |      |      |      |    |
| ZH233-61/36B(P)-15 | 36.5    | 44.5 | 35.8  | 15.3 |      |      |    |
| ZH233-43/36B(P)-15 |         |      |       |      |      |      |    |
| ZH233-45/39B(P)-15 | 40      | 46.4 | 39    |      |      |      |    |

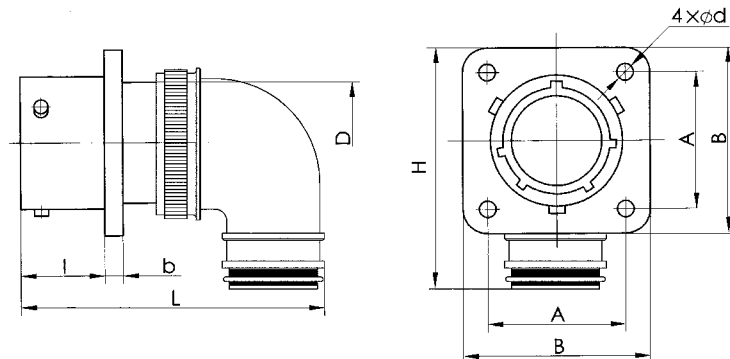
## ZH233 series circular connector

### 16-Plug with 05 type shielded straight tail attachment (memory ring)



| PN                 | size mm |       |    |
|--------------------|---------|-------|----|
|                    | Dmax    | d     | L  |
| ZH233-4/14B(P)-16  | 22.6    | 14    | 55 |
| ZH233-3/14B(P)-16  |         |       |    |
| ZH233-10/18B(P)-16 | 26      | 18.5  |    |
| ZH233-7/18B(P)-16  |         |       |    |
| ZH233-19/22B(P)-16 | 29.7    | 21.7  |    |
| ZH233-10/22B(P)-16 |         |       |    |
| ZH233-7/22B(P)-16  | 32.9    | 24.85 |    |
| ZH233-19/24B(P)-16 |         |       |    |
| ZH233-32/27B(P)-16 | 35.3    | 26.3  |    |
| ZH233-19/27B(P)-16 |         |       |    |
| ZH233-28/27B(P)-16 | 39      | 29.5  |    |
| ZH233-41/30B(P)-16 |         |       |    |
| ZH233-24/30B(P)-16 | 42      | 32.6  |    |
| ZH233-55/33B(P)-16 |         |       |    |
| ZH233-32/33B(P)-16 | 46      | 35.8  |    |
| ZH233-61/36B(P)-16 |         |       |    |
| ZH233-43/36B(P)-16 | 49      | 39    |    |
| ZH233-45/39B(P)-16 |         |       |    |

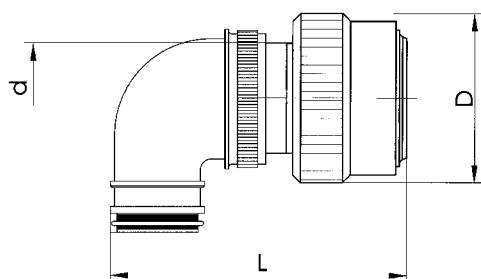
### 17-Socket with 06 type shielded curved tail attachment (memory ring)



| PN                 | size mm |      |       |      |      |      |    |    |  |  |  |  |  |  |  |  |  |
|--------------------|---------|------|-------|------|------|------|----|----|--|--|--|--|--|--|--|--|--|
|                    | A       | B    | D     | dmin | I    | bmax | L  | H  |  |  |  |  |  |  |  |  |  |
| ZH233-4/14B(P)-17  | 16.5    | 21.7 | 14    | 2.2  | 11.3 | 1.4  | 40 | 69 |  |  |  |  |  |  |  |  |  |
| ZH233-3/14B(P)-17  |         |      |       |      |      |      |    |    |  |  |  |  |  |  |  |  |  |
| ZH233-10/18B(P)-17 | 19.5    | 25.9 | 18.5  | 3.2  |      | 1.8  |    |    |  |  |  |  |  |  |  |  |  |
| ZH233-7/18B(P)-17  |         |      |       |      |      |      |    |    |  |  |  |  |  |  |  |  |  |
| ZH233-19/22B(P)-17 | 23      | 29.4 | 21.7  |      |      |      |    |    |  |  |  |  |  |  |  |  |  |
| ZH233-10/22B(P)-17 |         |      |       |      |      |      |    |    |  |  |  |  |  |  |  |  |  |
| ZH233-7/22B(P)-17  | 25      | 31.4 | 24.85 |      |      |      |    |    |  |  |  |  |  |  |  |  |  |
| ZH233-19/24B(P)-17 |         |      |       |      |      |      |    |    |  |  |  |  |  |  |  |  |  |
| ZH233-32/27B(P)-17 | 27      | 33.4 | 26.3  |      |      | 2.15 |    |    |  |  |  |  |  |  |  |  |  |
| ZH233-19/27B(P)-17 |         |      |       |      |      |      |    |    |  |  |  |  |  |  |  |  |  |
| ZH233-28/27B(P)-17 | 31      | 37.8 | 29.5  |      |      |      |    |    |  |  |  |  |  |  |  |  |  |
| ZH233-41/30B(P)-17 |         |      |       |      |      |      |    |    |  |  |  |  |  |  |  |  |  |
| ZH233-24/30B(P)-17 | 34      | 41.5 | 32.6  |      | 14.5 |      |    |    |  |  |  |  |  |  |  |  |  |
| ZH233-55/33B(P)-17 |         |      |       |      |      |      |    |    |  |  |  |  |  |  |  |  |  |
| ZH233-32/33B(P)-17 | 36.5    | 44.5 | 35.8  |      | 15.3 |      |    |    |  |  |  |  |  |  |  |  |  |
| ZH233-61/36B(P)-17 |         |      |       |      |      |      |    |    |  |  |  |  |  |  |  |  |  |
| ZH233-43/36B(P)-17 | 40      | 46.4 | 39    |      |      |      |    |    |  |  |  |  |  |  |  |  |  |
| ZH233-45/39B(P)-17 |         |      |       |      |      |      |    |    |  |  |  |  |  |  |  |  |  |

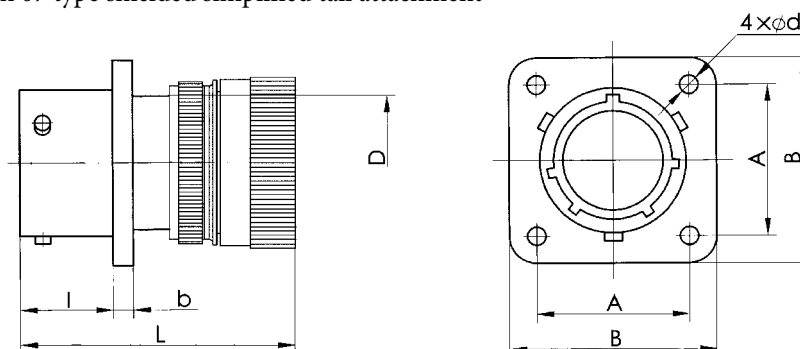
## ZH233 series circular connector

### 18-Plug with 06 type shielded bent tail attachment (memory ring)



| PN                 | size mm |       |    |
|--------------------|---------|-------|----|
|                    | Dmax    | d     | L  |
| ZH233-4/14B(P)-18  | 22.6    | 14    | 40 |
| ZH233-3/14B(P)-18  |         |       |    |
| ZH233-10/18B(P)-18 | 26      | 18.5  |    |
| ZH233-7/18B(P)-18  |         |       |    |
| ZH233-19/22B(P)-18 | 29.7    | 21.7  |    |
| ZH233-10/22B(P)-18 |         |       |    |
| ZH233-7/22B(P)-18  | 32.9    | 24.85 |    |
| ZH233-19/24B(P)-18 |         |       |    |
| ZH233-32/27B(P)-18 | 35.3    | 26.3  |    |
| ZH233-19/27B(P)-18 |         |       |    |
| ZH233-28/27B(P)-18 | 39      | 29.5  |    |
| ZH233-41/30B(P)-18 |         |       |    |
| ZH233-24/30B(P)-18 | 42      | 32.6  |    |
| ZH233-55/33B(P)-18 |         |       |    |
| ZH233-32/33B(P)-18 | 46      | 35.8  |    |
| ZH233-61/36B(P)-18 |         |       |    |
| ZH233-43/36B(P)-18 | 49      | 39    |    |
| ZH233-45/39B(P)-18 |         |       |    |

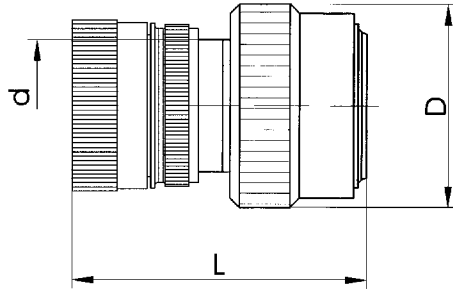
### 19-Socket with 07 type shielded simplified tail attachment



| PN                 | size mm |      |       |      |      |      |    |  |  |  |  |  |  |
|--------------------|---------|------|-------|------|------|------|----|--|--|--|--|--|--|
|                    | A       | B    | D     | dmin | I    | bmax | L  |  |  |  |  |  |  |
| ZH233-4/14B(P)-19  | 16.5    | 21.7 | 14    | 2.2  | 11.3 | 1.4  | 56 |  |  |  |  |  |  |
| ZH233-3/14B(P)-19  |         |      |       |      |      |      |    |  |  |  |  |  |  |
| ZH233-10/18B(P)-19 | 19.5    | 25.9 | 18.5  | 3.2  |      | 1.8  |    |  |  |  |  |  |  |
| ZH233-7/18B(P)-19  |         |      |       |      |      |      |    |  |  |  |  |  |  |
| ZH233-19/22B(P)-19 | 23      | 29.4 | 21.7  |      |      |      |    |  |  |  |  |  |  |
| ZH233-10/22B(P)-19 |         |      |       |      |      |      |    |  |  |  |  |  |  |
| ZH233-7/22B(P)-19  | 25      | 31.4 | 24.85 |      |      | 2.15 |    |  |  |  |  |  |  |
| ZH233-19/24B(P)-19 |         |      |       |      |      |      |    |  |  |  |  |  |  |
| ZH233-32/27B(P)-19 | 27      | 33.4 | 26.3  |      | 14.5 |      |    |  |  |  |  |  |  |
| ZH233-19/27B(P)-19 |         |      |       |      |      |      |    |  |  |  |  |  |  |
| ZH233-28/27B(P)-19 | 31      | 37.8 | 29.5  |      |      |      |    |  |  |  |  |  |  |
| ZH233-41/30B(P)-19 |         |      |       |      |      |      |    |  |  |  |  |  |  |
| ZH233-24/30B(P)-19 | 34      | 41.5 | 32.6  |      | 15.3 |      |    |  |  |  |  |  |  |
| ZH233-55/33B(P)-19 |         |      |       |      |      |      |    |  |  |  |  |  |  |
| ZH233-32/33B(P)-19 | 36.5    | 44.5 | 35.8  |      |      |      |    |  |  |  |  |  |  |
| ZH233-61/36B(P)-19 |         |      |       |      |      |      |    |  |  |  |  |  |  |
| ZH233-43/36B(P)-19 | 40      | 46.4 | 39    |      |      |      |    |  |  |  |  |  |  |
| ZH233-45/39B(P)-19 |         |      |       |      |      |      |    |  |  |  |  |  |  |

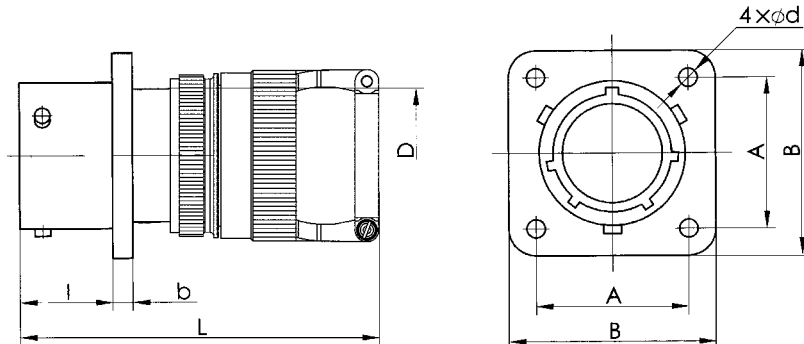
## ZH233 series circular connector

### 20-Plug with 07 type shielded simplified tail attachment



| PN                 | size mm |       |    |
|--------------------|---------|-------|----|
|                    | Dmax    | d     | L  |
| ZH233-4/14B(P)-20  | 22.6    | 14    | 56 |
| ZH233-3/14B(P)-20  |         |       |    |
| ZH233-10/18B(P)-20 | 26      | 18.5  |    |
| ZH233-7/18B(P)-20  |         |       |    |
| ZH233-19/22B(P)-20 | 29.7    | 21.7  |    |
| ZH233-10/22B(P)-20 |         |       |    |
| ZH233-7/22B(P)-20  | 32.9    | 24.85 |    |
| ZH233-19/24B(P)-20 |         |       |    |
| ZH233-32/27B(P)-20 | 35.3    | 26.3  |    |
| ZH233-19/27B(P)-20 |         |       |    |
| ZH233-28/27B(P)-20 | 39      | 29.5  |    |
| ZH233-41/30B(P)-20 |         |       |    |
| ZH233-24/30B(P)-20 | 42      | 32.6  |    |
| ZH233-55/33B(P)-20 |         |       |    |
| ZH233-32/33B(P)-20 | 46      | 35.8  |    |
| ZH233-61/36B(P)-20 |         |       |    |
| ZH233-43/36B(P)-20 | 49      | 39    |    |
| ZH233-45/39B(P)-20 |         |       |    |

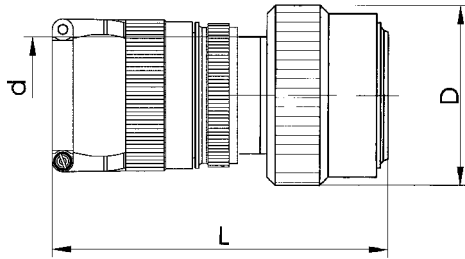
### 21-Socket with 08 type shielded straight clamp wire tail attachment



| PN                 | size mm |      |       |      |      |      |    |    |
|--------------------|---------|------|-------|------|------|------|----|----|
|                    | A       | B    | D     | dmin | l    | bmax | L  |    |
| ZH233-4/14B(P)-21  | 16.5    | 21.7 | 14    | 2.2  | 11.3 | 1.4  | 66 |    |
| ZH233-3/14B(P)-21  |         |      |       |      |      |      |    |    |
| ZH233-10/18B(P)-21 | 19.5    | 25.9 | 18.5  | 3.2  |      | 1.8  | 70 |    |
| ZH233-7/18B(P)-21  |         |      |       |      |      |      |    |    |
| ZH233-19/22B(P)-21 | 23      | 29.4 | 21.7  |      |      |      |    | 72 |
| ZH233-10/22B(P)-21 |         |      |       |      |      |      |    |    |
| ZH233-7/22B(P)-21  | 25      | 31.4 | 24.85 |      |      |      |    |    |
| ZH233-19/24B(P)-21 |         |      |       |      |      |      |    |    |
| ZH233-32/27B(P)-21 | 27      | 33.4 | 26.3  |      |      |      |    |    |
| ZH233-19/27B(P)-21 |         |      |       |      |      |      |    |    |
| ZH233-28/27B(P)-21 | 31      | 37.8 | 29.5  |      |      |      |    |    |
| ZH233-41/30B(P)-21 |         |      |       |      |      |      |    |    |
| ZH233-24/30B(P)-21 | 34      | 41.5 | 32.6  |      | 14.5 | 2.15 | 78 |    |
| ZH233-55/33B(P)-21 |         |      |       |      |      |      |    |    |
| ZH233-32/33B(P)-21 | 36.5    | 44.5 | 35.8  | 15.3 |      |      |    |    |
| ZH233-61/36B(P)-21 |         |      |       |      |      |      |    |    |
| ZH233-43/36B(P)-21 | 40      | 46.4 | 39    |      |      |      |    |    |
| ZH233-45/39B(P)-21 |         |      |       |      |      |      |    |    |

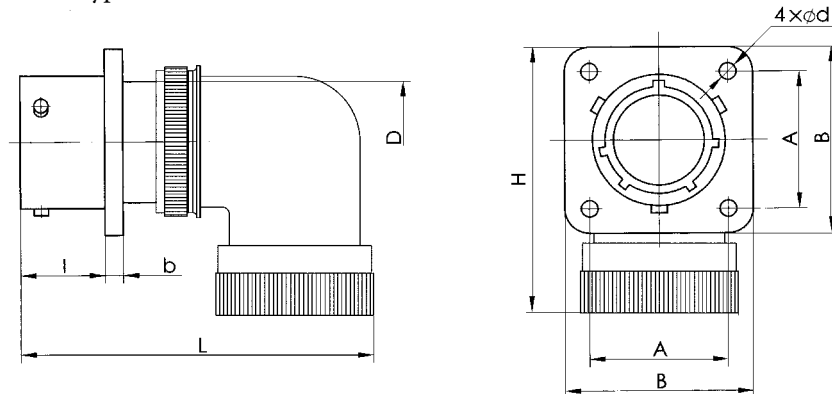
## ZH233 series circular connector

### 22-Plug with 08 type shielded straight clamp wire tail attachment



| PN                 | size mm |       |    |
|--------------------|---------|-------|----|
|                    | Dmax    | d     | L  |
| ZH233-4/14B(P)-22  | 22.6    | 14    | 66 |
| ZH233-3/14B(P)-22  |         |       |    |
| ZH233-10/18B(P)-22 |         |       |    |
| ZH233-7/18B(P)-22  | 26      | 18.5  | 70 |
| ZH233-19/22B(P)-22 |         |       |    |
| ZH233-10/22B(P)-22 |         |       |    |
| ZH233-7/22B(P)-22  | 29.7    | 21.7  | 72 |
| ZH233-19/24B(P)-22 |         |       |    |
| ZH233-32/27B(P)-22 |         |       |    |
| ZH233-19/27B(P)-22 | 32.9    | 24.85 | 78 |
| ZH233-28/27B(P)-22 |         |       |    |
| ZH233-41/30B(P)-22 |         |       |    |
| ZH233-24/30B(P)-22 | 35.3    | 26.3  | 78 |
| ZH233-55/33B(P)-22 |         |       |    |
| ZH233-32/33B(P)-22 |         |       |    |
| ZH233-61/36B(P)-22 | 42      | 32.6  | 78 |
| ZH233-43/36B(P)-22 |         |       |    |
| ZH233-45/39B(P)-22 |         |       |    |

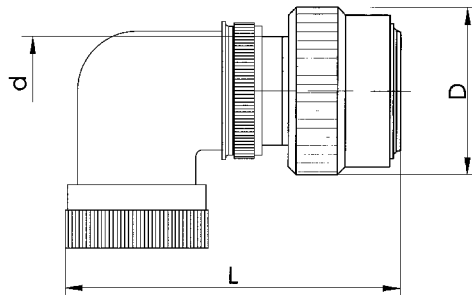
### 25-Socket with 10 type shielded curved tail attachment



| PN                 | size mm |      |       |      |      |      |      |    |
|--------------------|---------|------|-------|------|------|------|------|----|
|                    | A       | B    | D     | dmin | I    | bmax | L    | H  |
| ZH233-4/14B(P)-25  | 16.5    | 21.7 | 14    | 2.2  | 11.3 | 1.4  | 66   | 57 |
| ZH233-3/14B(P)-25  |         |      |       |      |      |      |      |    |
| ZH233-10/18B(P)-25 | 19.5    | 25.9 | 18.5  | 3.2  |      |      |      |    |
| ZH233-7/18B(P)-25  |         |      |       |      |      |      |      |    |
| ZH233-19/22B(P)-25 | 23      | 29.4 | 21.7  |      |      | 1.8  | 70   |    |
| ZH233-10/22B(P)-25 |         |      |       |      |      |      |      |    |
| ZH233-7/22B(P)-25  |         |      |       |      |      |      |      |    |
| ZH233-19/24B(P)-25 | 25      | 31.4 | 24.85 |      |      | 72   |      |    |
| ZH233-32/27B(P)-25 | 27      | 33.4 | 26.3  |      |      |      |      |    |
| ZH233-19/27B(P)-25 |         |      |       |      |      |      |      |    |
| ZH233-28/27B(P)-25 |         |      |       |      |      |      |      |    |
| ZH233-41/30B(P)-25 | 31      | 37.8 | 29.5  |      | 14.5 | 2.15 | 78   | 73 |
| ZH233-24/30B(P)-25 |         |      |       |      |      |      |      |    |
| ZH233-55/33B(P)-25 | 34      | 41.5 | 32.6  |      |      |      |      |    |
| ZH233-32/33B(P)-25 |         |      |       |      |      |      |      |    |
| ZH233-61/36B(P)-25 | 36.5    | 44.5 | 35.8  |      |      | 15.3 |      |    |
| ZH233-43/36B(P)-25 |         |      |       |      |      |      |      |    |
| ZH233-45/39B(P)-25 |         |      |       | 40   |      |      | 46.4 | 39 |

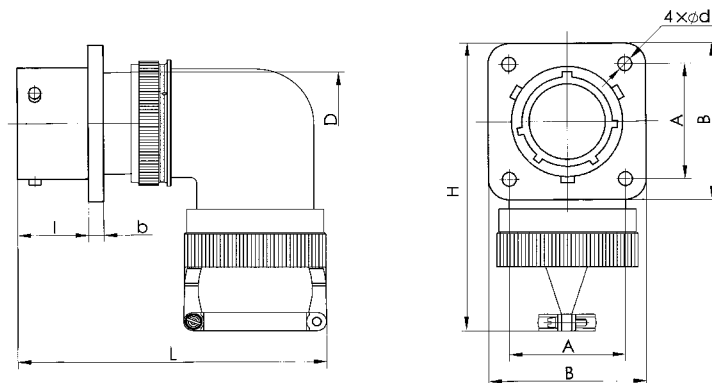
## ZH233 series circular connector

### 26–Plug with 10 type shielded bent tail attachment



| PN                 | size mm |      |    |
|--------------------|---------|------|----|
|                    | Dmax    | d    | L  |
| ZH233-4/14B(P)-26  | 22.6    | 14   | 66 |
| ZH233-3/14B(P)-26  |         |      |    |
| ZH233-10/18B(P)-26 |         |      |    |
| ZH233-7/18B(P)-26  | 26      | 18.5 | 70 |
| ZH233-19/22B(P)-26 |         |      |    |
| ZH233-10/22B(P)-26 |         |      |    |
| ZH233-7/22B(P)-26  | 29.7    | 21.7 | 72 |
| ZH233-19/24B(P)-26 |         |      |    |
| ZH233-32/27B(P)-26 |         |      |    |
| ZH233-19/27B(P)-26 | 35.3    | 26.3 | 78 |
| ZH233-28/27B(P)-26 |         |      |    |
| ZH233-41/30B(P)-26 |         |      |    |
| ZH233-24/30B(P)-26 | 39      | 29.5 | 78 |
| ZH233-55/33B(P)-26 |         |      |    |
| ZH233-32/33B(P)-26 |         |      |    |
| ZH233-61/36B(P)-26 | 46      | 35.8 | 78 |
| ZH233-43/36B(P)-26 |         |      |    |
| ZH233-45/39B(P)-26 |         |      |    |

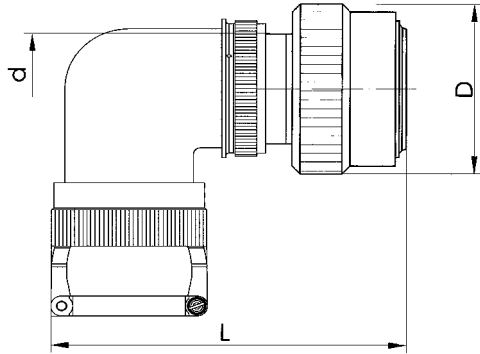
### 27–Socket with 11 type shielded bent clamp wire tail attachment



| PN                 | size mm |      |      |      |      |      |      |    |     |
|--------------------|---------|------|------|------|------|------|------|----|-----|
|                    | A       | B    | D    | dmin | l    | bmax | L    | H  |     |
| ZH233-4/14B(P)-27  | 16.5    | 21.7 | 14   | 2.2  | 11.3 | 1.4  | 66   | 51 |     |
| ZH233-3/14B(P)-27  |         |      |      |      |      |      |      |    |     |
| ZH233-10/18B(P)-27 |         |      |      |      |      |      |      |    |     |
| ZH233-7/18B(P)-27  | 19.5    | 25.9 | 18.5 | 3.2  |      | 1.8  | 72   | 87 |     |
| ZH233-19/22B(P)-27 |         |      |      |      |      |      |      |    |     |
| ZH233-10/22B(P)-27 |         |      |      |      |      |      |      |    |     |
| ZH233-7/22B(P)-27  | 23      | 29.4 | 21.7 |      |      | 14.5 | 2.15 | 78 | 113 |
| ZH233-19/24B(P)-27 |         |      |      |      |      |      |      |    |     |
| ZH233-32/27B(P)-27 |         |      |      |      |      |      |      |    |     |
| ZH233-19/27B(P)-27 | 27      | 33.4 | 26.3 |      | 15.3 |      | 2.15 | 78 | 113 |
| ZH233-28/27B(P)-27 |         |      |      |      |      |      |      |    |     |
| ZH233-41/30B(P)-27 |         |      |      |      |      |      |      |    |     |
| ZH233-24/30B(P)-27 | 31      | 37.8 | 29.5 | 15.3 |      |      | 2.15 | 78 | 113 |
| ZH233-55/33B(P)-27 |         |      |      |      |      |      |      |    |     |
| ZH233-32/33B(P)-27 |         |      |      |      |      |      |      |    |     |
| ZH233-61/36B(P)-27 | 34      | 41.5 | 32.6 |      |      | 15.3 | 2.15 | 78 | 113 |
| ZH233-43/36B(P)-27 |         |      |      |      |      |      |      |    |     |
| ZH233-45/39B(P)-27 |         |      |      |      |      |      |      |    |     |

## ZH233 series circular connector

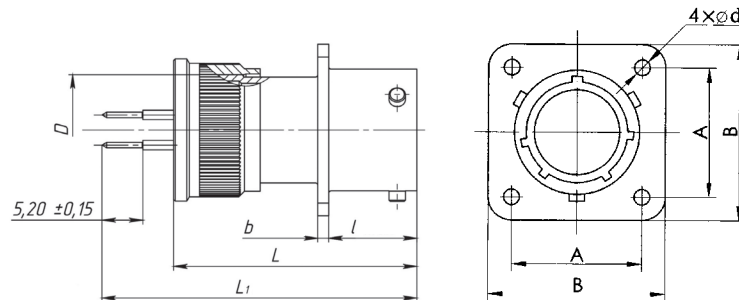
### 28-Plug with 11 type shielded bent clamp wire tail attachment



| PN                 | size mm |       |    |
|--------------------|---------|-------|----|
|                    | Dmax    | d     | L  |
| ZH233-4/14B(P)-28  | 22.6    | 14    | 66 |
| ZH233-3/14B(P)-28  |         |       |    |
| ZH233-10/18B(P)-28 |         |       |    |
| ZH233-7/18B(P)-28  | 26      | 18.5  |    |
| ZH233-19/22B(P)-28 |         |       |    |
| ZH233-10/22B(P)-28 | 29.7    | 21.7  |    |
| ZH233-7/22B(P)-28  |         |       |    |
| ZH233-19/24B(P)-28 | 32.9    | 24.85 |    |
| ZH233-32/27B(P)-28 |         |       |    |
| ZH233-19/27B(P)-28 | 35.3    | 26.3  |    |
| ZH233-28/27B(P)-28 |         |       |    |
| ZH233-41/30B(P)-28 | 39      | 29.5  |    |
| ZH233-24/30B(P)-28 |         |       |    |
| ZH233-55/33B(P)-28 | 42      | 32.6  |    |
| ZH233-32/33B(P)-28 |         |       |    |
| ZH233-61/36B(P)-28 | 46      | 35.8  |    |
| ZH233-43/36B(P)-28 |         |       |    |
| ZH233-45/39B(P)-28 | 49      | 39    |    |

### External installation dimensions

#### PCB socket with simplified tail accessories



| PN                    | size mm |      |       |      |      |      |      |      |
|-----------------------|---------|------|-------|------|------|------|------|------|
|                       | A       | B    | D     | dmin | I    | bmax | L    | L1   |
| ZH233-4/14B(P)2W21-1  | 16.5    | 21.7 | 14    | 2.2  | 11.3 | 1.4  | 32.5 | 41.0 |
| ZH233-3/14B(P)2W21-1  |         |      |       |      |      |      |      |      |
| ZH233-10/18B(P)2W21-1 | 19.5    | 25.9 | 18.5  | 3.2  |      |      |      |      |
| ZH233-7/18B(P)2W21-1  |         |      |       |      |      |      |      |      |
| ZH233-19/22B(P)2W21-1 | 23      | 29.4 | 21.7  |      |      |      |      |      |
| ZH233-10/22B(P)2W21-1 |         |      |       |      |      |      |      |      |
| ZH233-7/22B(P)2W21-1  | 25      | 31.4 | 24.85 |      |      |      |      |      |
| ZH233-19/24B(P)2W21-1 |         |      |       |      |      |      |      |      |
| ZH233-32/27B(P)2W21-1 | 27      | 33.4 | 26.3  |      |      |      |      |      |
| ZH233-19/27B(P)2W21-1 |         |      |       |      |      |      |      |      |
| ZH233-28/27B(P)2W21-1 | 31      | 37.8 | 29.5  |      |      |      |      |      |
| ZH233-41/30B(P)2W21-1 |         |      |       |      |      |      |      |      |
| ZH233-24/30B(P)2W21-1 | 34      | 41.5 | 32.6  | 14.5 | 2.15 |      |      |      |
| ZH233-55/33B(P)2W21-1 |         |      |       |      |      |      |      |      |
| ZH233-32/33B(P)2W21-1 | 36.5    | 44.5 | 35.8  | 15.3 |      |      |      |      |
| ZH233-61/36B(P)2W21-1 |         |      |       |      |      |      |      |      |
| ZH233-43/36B(P)2W21-1 | 40      | 46.4 | 39    |      |      |      |      |      |
| ZH233-45/39B(P)2W21-1 |         |      |       |      |      |      |      |      |