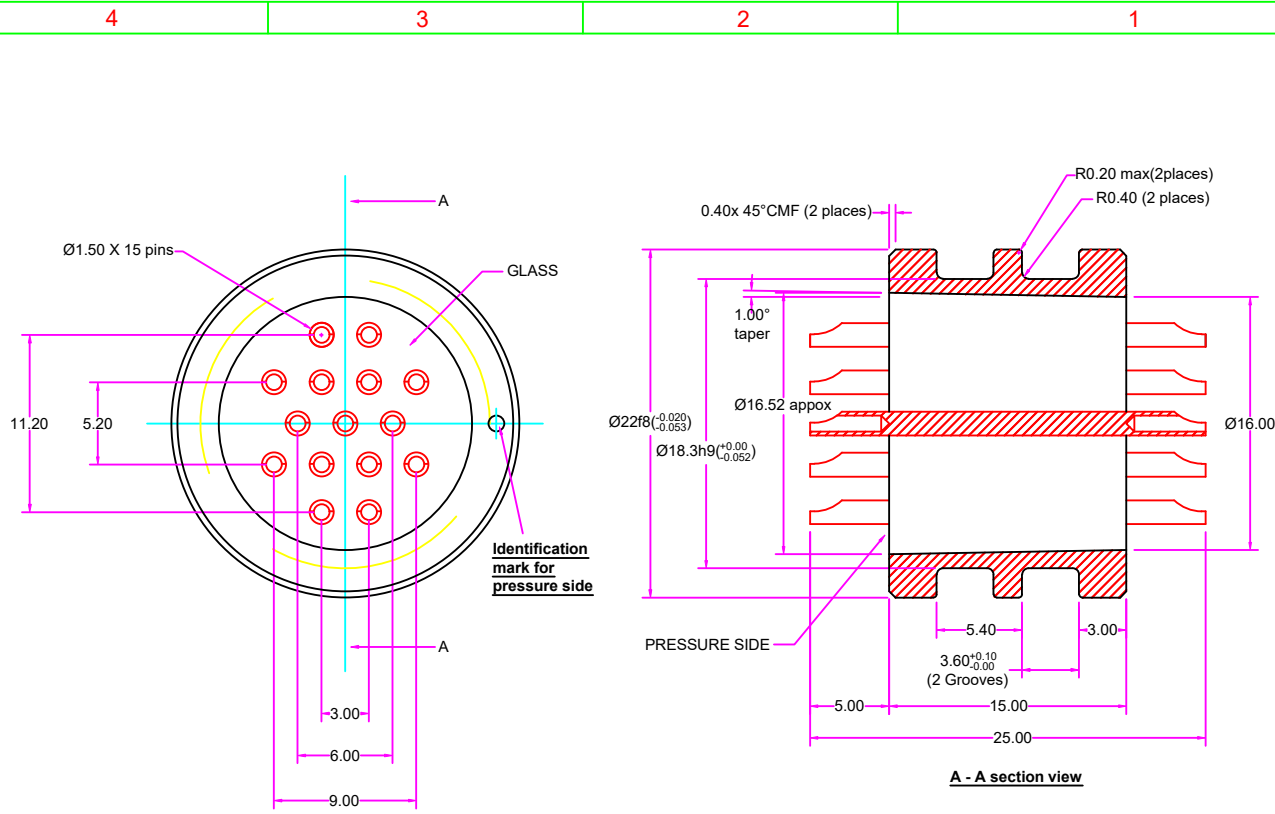


IF IN DOUBT ASK CLARIFICATION,  
DO NOT SCALE.



**TECHNICAL DETAILS:**

1. SHELL MATERIAL & FINISH : SS316L & NICKEL PLATING.
2. CONTACT PIN MATERIAL & FINISH : INCONEL X750 & NICKEL PLATING.
3. SEALING : GLASS TO METAL HERMETIC.
4. SURFACE ELECTROPOLISH.
5. TEMPERATURE RANGE: -55 ~ 200° C.
6. PRESSURE RATING: 100 MPa.
7. LEAK RATE: 1\*10<sup>-9</sup> cc/sec @ 1atm pressure Differential (Helium).
8. INSULATION RESISTANCE: 1000M OHMS @500V DC AT AMBIENT.
9. NOTE THE PRESSURE SIDE INDICATED BY IDENTIFICATION MARK.
10. "O" RING DIMENSION OD-Ø22.15mm & ID-Ø18.20mm (2 no's "O" ring per connector).

BODY & PIN DRG NO :TC 1579N

NOTE: ALL DIMENSION ARE IN mm.

COMPONENTS SHALL BE FREE OF BURRS ON ALL EDGES & CORNERS.

|                     |         |              |   |           |   |                                       |  |  |  |
|---------------------|---------|--------------|---|-----------|---|---------------------------------------|--|--|--|
| AS PER IS:2102-1993 |         |              | HOLES   |           | TITLE.                                      | <b>15 PIN CONNECTOR GTMS ASSEMBLY</b> |  |  |  |
| LINEAR              | ANGULAR | IS : GRADE   | CLEAR H12<br>THREADED<br>CLASS 6H<br>UNPLATED/<br>UNCOATED. | MATERIAL. | BODY (SS 316L) & CONTACT PIN (INCONEL X750) |                                       |  |  |  |
| X                   | □ C     | EXTRA COURSE |   | FINISH.   | REF TECHNICAL DETAIL                        |                                       |  |  |  |
| X.0                 | □ C 0   | COURSE       |   | REF.      | EPG-15/22                                   |                                       |  |  |  |
| X.00                | □ C 00  | MEDIUM       |   | PART NO.  | 5C5N5N15P-TA1581N                           |                                       |  |  |  |
| X.000               |         | FINE         |   |           |   |                                       |  |  |  |

|  |                   |        |  |      |       |           |         |                |    |
|--|-------------------|--------|--|------|-------|-----------|---------|----------------|----|
|  | FINISH IN MICRONS |        |  | NAME | DATE  | SCALE NTS | COSCODE | DRAWING NO.    |    |
|  | ~                 | > 25   |  | DRN  | S.B   |           |         | <b>TA1581N</b> |    |
|  | ▽                 | 8 -25  |  | CHD  | K.G.P |           |         |                |    |
|  | ▽▽                | 1.6 -8 |  | APPD |       |           |         | REV NO         | 02 |

|   |        |  |              |            |          |
|---|--------|--|--------------|------------|----------|
| 3 | REV NO | ORIGINAL                                     | CHANGES MADE | DATE       | APPROVED |
| 2 |        | O ring size & revised pressure rating added. |              | 04-12-2024 |          |
| 1 |        | O ring groove dimension changed & CMF added. |              | 21-11-2024 |          |
| 0 |        |  |              | 30-05-2024 |          |