

	PRODUCT No	PICK-UP CAP (NATURAL OR BLACK COLOR)	CONTACT PLATING AND THICKNESS	SOLDER BALL	NOTES
⚠	84517-001	YES	15μ" (.38μm) Au	SnPb	
⚠	84517-00IBF	YES	15μ" (.38μm) Au	SnPb	8
⚠	84517-00ILF	YES	15μ" (.38μm) Au	LEAD FREE	6
⚠	84517-00IBLF	YES	15μ" (.38μm) Au	LEAD FREE	6 AND 8
⚠	84517-091	YES	15μ" (.38μm) GXT	SnPb	
⚠	84517-09IBF	YES	15μ" (.38μm) GXT	SnPb	8
⚠	84517-09ILF	YES	15μ" (.38μm) GXT	LEAD FREE	6
⚠	84517-09IBLF	YES	15μ" (.38μm) GXT	LEAD FREE	6 AND 8
⚠	84517-101	YES	30μ" (.76μm) Au	SnPb	
⚠	84517-10IBF	YES	30μ" (.76μm) Au	SnPb	8
⚠	84517-10ILF	YES	30μ" (.76μm) Au	LEAD FREE	6
⚠	84517-10IBLF	YES	30μ" (.76μm) Au	LEAD FREE	6 AND 8
⚠	84517-191	YES	30μ" (.76μm) GXT	SnPb	
⚠	84517-19IBF	YES	30μ" (.76μm) GXT	SnPb	8
⚠	84517-19ILF	YES	30μ" (.76μm) GXT	LEAD FREE	6
⚠	84517-19IBLF	YES	30μ" (.76μm) GXT	LEAD FREE	6 AND 8
⚠	84517-201	YES	SPECIAL NOTE 4	SnPb	4
⚠	84517-20IBF	YES	SPECIAL NOTE 4	SnPb	4 AND 8
⚠	84517-20ILF	YES	SPECIAL NOTE 4	LEAD FREE	4 AND 6
⚠	84517-20IBLF	YES	SPECIAL NOTE 4	LEAD FREE	4,6 AND 8
⚠	84517-291	YES	GXT SPECIAL NOTE 4	SnPb	4
⚠	84517-29IBF	YES	GXT SPECIAL NOTE 4	SnPb	4 AND 8
⚠	84517-29ILF	YES	GXT SPECIAL NOTE 4	LEAD FREE	4 AND 6
⚠	84517-29IBLF	YES	GXT SPECIAL NOTE 4	LEAD FREE	4,6 AND 8

spec ref	dr	Jayaseelan, Va	2020/07/31	projection	mm	size	A3	scale	4:1
tolerance std	eng	Chris Schroll	2021/03/30			ecn no	ELX-V-40495-1		
ASME Y14.5	chr	-	-			rel level	Released		
surface	linear	0.X	±.3	Amphenol FCI	4mm RECPT. ASSY. 10x20=200 POS.	dwg no 84517	rev K		
		0.XX	±.10						
ASME Y14.5	angular	0°	±2°	cat. no.	Product - Customer Drw	sheet 1 of 3			

NOTES:

① MAT'L

HOUSING: LCP
CONTACT: COPPER ALLOY

PLATING

CONTACT: (SEE TABLE ON SHEET 1)
SOLDER BALL: (SEE TABLE ON SHEET 1)
EUTECTIC SnPb OR LEAD FREE
95.5Sn/4Ag/0.5Cu

② OVERALL BOARD-TO-BOARD STACK HEIGHTS
AVAILABLE USING THIS CONNECTOR (84517):

MATED HEIGHT	WITH PLUG P/N
4mm	84516
10mm	84530

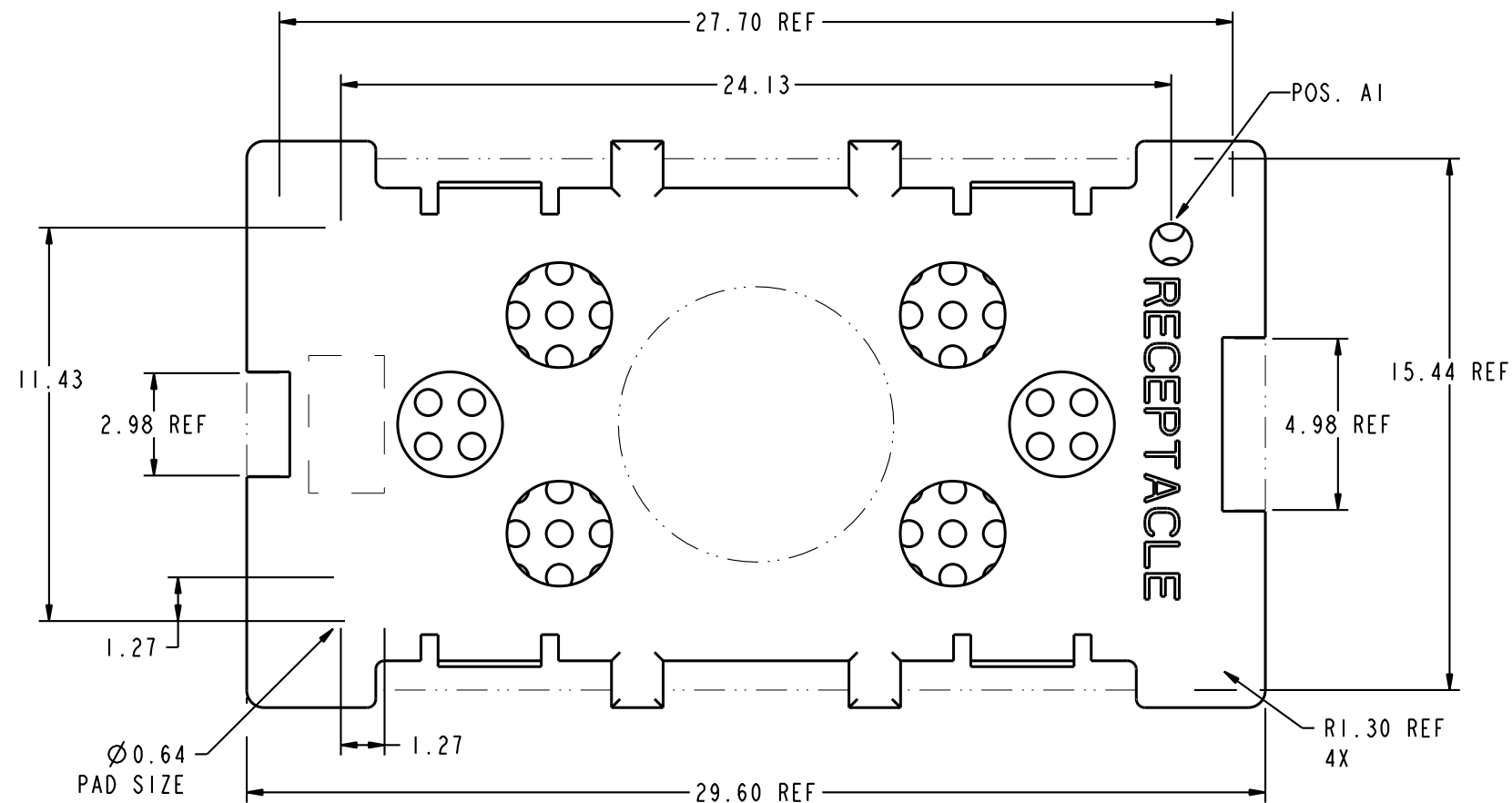
④ PLATING FOR INDICATED -2XX SERIES PRODUCT NUMBERS
MEET THE REQUIREMENTS OF GR-1217-CORE,
CENTRAL OFFICE ENVIRONMENT, 25 YEAR LIFE EXPECTANCY.
THE CONTACTS IN THESE PRODUCT NUMBERS ALSO HAVE
SPECIAL CONTACT GEOMETRY.

⑤ FOR PROPER APPLICATION FOLLOW FCI APPLICATION
SPECIFICATION GS-20-033. LEAD FREE SOLDER BALLS WILL
NOT SOLDER PROPERLY IN A LEADED SOLDER PROCESS
DUE TO A HIGHER REFLOW TEMPERATURE. LEAD FREE
PRODUCT IS THEREFORE NOT BACKWARDS COMPATIBLE WITH
LEADED OR SOME SOLDERING APPLICATIONS. REFERENCE
FCI APPLICATION SPECIFICATION.

⑥ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND
OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004
PRODUCT MEETING THIS DIRECTIVE IS IDENTIFIED IN THE LOT
CODE NUMBER MARKED ON EACH PART BY HAVING AN "X"
IN THE SEVENTH CHARACTER POSITION.

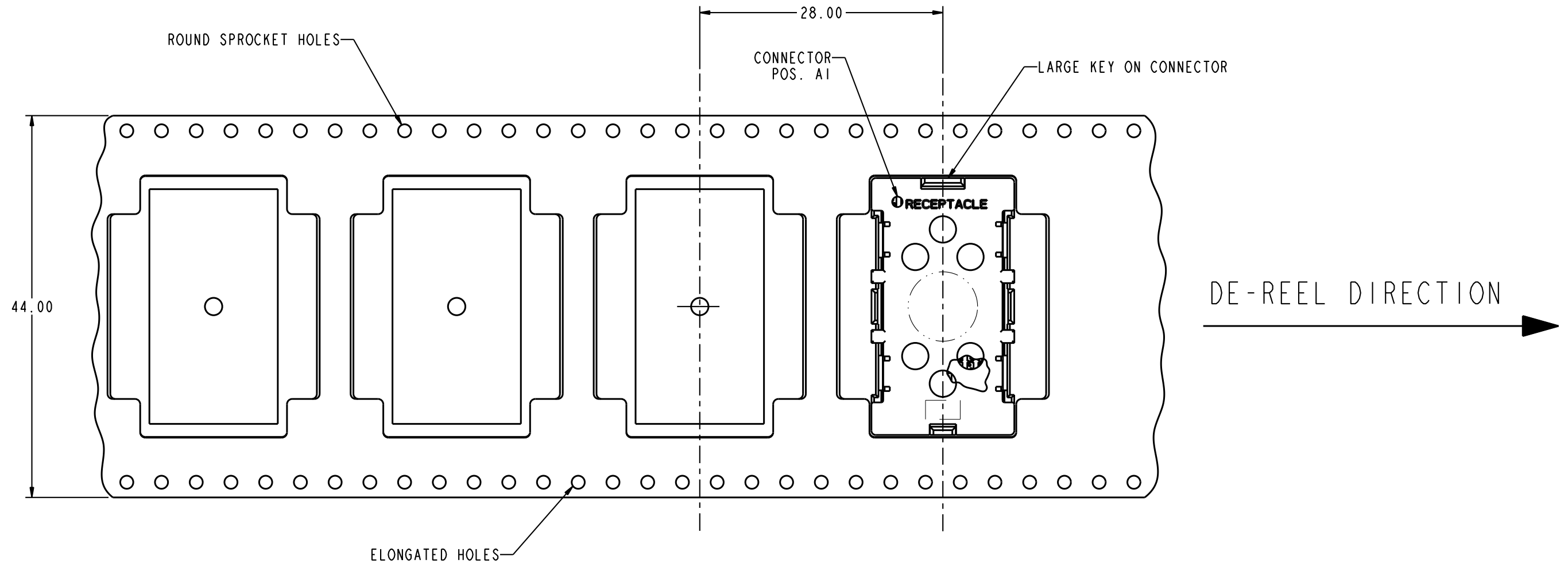
⚠ 7. A ⚠ SYMBOL WILL BE NEXT TO ANY DIMENSION, NEW VIEW OR
NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

⚠ ⑧ FOR THESE DASH NUMBERS, PRODUCT IS BERYLLIUM FREE.



BOARD PATTERN

spec ref	dr	Jayaseelan, Va	2020/07/31	projection	mm	size	A3	scale	5:1
tolerance std	eng	Chris Schroll	2021/03/30			ecn no	ELX-V-40495-1	rel level	Released
ASME Y14.5	chr	-	-						
surface	linear	0.X	±.3	Amphenol FCI	title 4mm RECPT. ASSY. 10x20=200 POS.	dwg no 84517	rev K	Product - Customer Drw	
		0.XX	±.10					cat. no.	sheet 2 of 3
ASME Y14.5	angular	0°	±2°						



spec ref		dr	Jayaseelan, Va	2020/07/31	projection	mm	size	A3	scale	2:1	
tolerance std		eng	Chris Schroll	2021/03/30		mm	ecn no		ELX-V-40495-1		
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr			-	rel level		Released	
surface		appr	Matthew Emenhe	2021/04/13	product family		MEG-ARRAY		84517		
ASME Y14.5		linear		0.X	±.3	title		4mm RECPT. ASSY.		rev	K
				0.XX	±.10	dwg no		10x20=200 POS.			
				0.XXX	±.050	cat. no.		Product - Customer Drw		sheet 3 of 3	
		angular		0°	±2°	STATUS:Released		PDS: Rev :K		Printed: May 25, 2022	