

PRODUCT No.	PICK-UP CAP (NATURAL OR BLACK COLOR)	CONTACT PLATING AND THICKNESS	SOLDER BALL	NOTES
84517-001	YES	15u" (.38um) Au	SnPb	
84517-001LF	YES	15u" (.38um) Au	LEAD FREE	6
84517-091	YES	15u" (.38um) GXT	SnPb	
84517-091LF	YES	15u" (.38um) GXT	LEAD FREE	6
84517-101	YES	30u" (.76um) Au	SnPb	
84517-101LF	YES	30u" (.76um) Au	LEAD FREE	6
84517-191	YES	30u" (.76um) GXT	SnPb	
84517-191LF	YES	30u" (.76um) GXT	LEAD FREE	6
84517-201	YES	SPECIAL, NOTE 4	SnPb	4
84517-201LF	YES	SPECIAL, NOTE 4	LEAD FREE	4, AND 6
84517-291	YES	GXT SPECIAL, NOTE 4	SnPb	4
84517-291LF	YES	GXT SPECIAL, NOTE 4	LEAD FREE	4, AND 6
<del>84517-301</del>	<del>YES</del>	<del>15u" (.38um) Au SPECIAL</del>	<del>SnPb</del>	
<del>84517-301LF</del>	<del>YES</del>	<del>15u" (.38um) Au SPECIAL</del>	<del>LEAD FREE</del>	<del>6 AND 7</del>
<del>84517-401</del>	<del>YES</del>	<del>30u" (.76um) Au SPECIAL</del>	<del>SnPb</del>	
<del>84517-401LF</del>	<del>YES</del>	<del>30u" (.76um) Au SPECIAL</del>	<del>LEAD FREE</del>	<del>6 AND 7</del>
<del>84517-501</del>	<del>YES</del>	<del>Au SPECIAL</del>	<del>SnPb</del>	<del>4 AND 7</del>
<del>84517-501LF</del>	<del>YES</del>	<del>Au SPECIAL</del>	<del>LEAD FREE</del>	<del>4, 6 AND 7</del>

mat'l. code		surface ASME Y14.5		tolerance ASME Y14.5		projection		product family	
-		ASME Y14.5		ASME Y14.5		MM		MEG-Array	
ltr	ecn no	dr	date	tolerances unless otherwise specified		angles		title	
H	V12-0037	DCH	2012-11-13			X ±3		4.0mm RECPT. ASSY	
-	-	-	-			XX ±10		10 X 20 = 200 POS	
C	V03-0680	DAI	2003-06-19	0° ±2'		XXX ±050		scale 1:1	
D	V04-0940	VS	2004-10-18	dr	D.WAUGHEN	1999-09-09		dwg no	
E	V05-1071	DAI	2005-12-21	enfr	B.SPINK	1999-09-09		sheet 1 of 3	
F	V06-0560	LP	2006-07-14	chr	B.SPINK	1999-09-09		size	
G	V12-0030	RE	2012-08-06	appd	B.SPINK	1999-09-09		84517	
sheet index		revision	H	H	H	FCI		CUSTOMER Drawing	
sheet			1	2	3			A4	

NOTES:

①. MAT'L

HOUSING: LCP  
CONTACT: COPPER ALLOY

PLATING

CONTACT: (SEE TABLE ON SHEET1)  
SOLDER BALL: (SEE TABLE ON SHEET1)  
EUTECTIC SnPb OR LEAD FREE  
95.5Sn/4Ag/0.5Cu

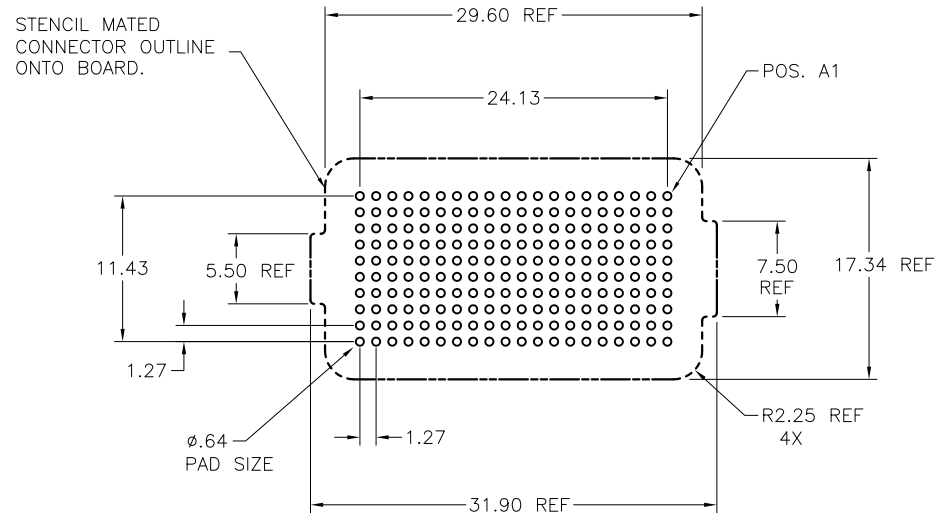
2. OVERALL BOARD-TO-BOARD STACK HEIGHTS AVAILABLE USING THIS CONNECTOR (84517):

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

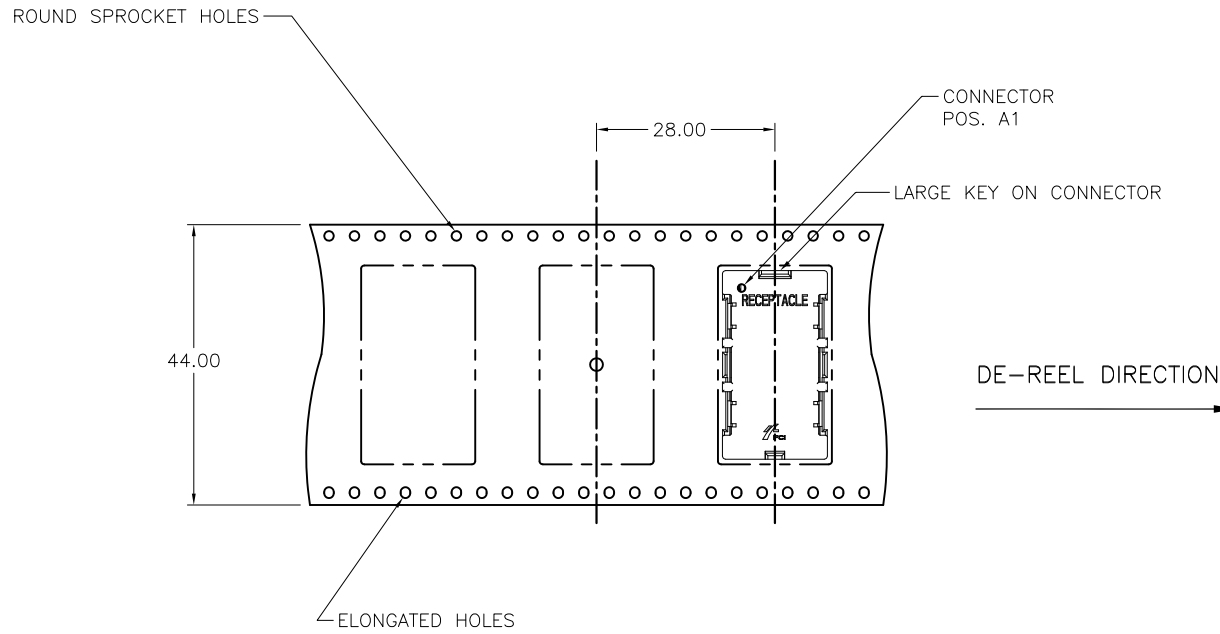
⑥. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004 PRODUCT MEETING THIS DIRECTIVE IS IDENTIFIED IN THE LOT CODE NUMBER MARKED ON EACH PART BY HAVING AN "X" IN THE SEVENTH CHARACTER POSITION



BOARD PATTERN

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

mat'l. code		surface		tolerance		projection		product family	
-		ASME Y14.5		ASME Y14.5				MEG-Array	
ltr	ecr no	dr	date	tolerances unless otherwise specified		MM		title	
H				angles	X ±3	MM		4.0mm RECPT. ASSY	
				0° ±2'	.XX ±10	scale 1:1		10 X 20 = 200 POS.	
					XXX ±050	FCI		dwg no	
				dr	D.WAUGHEN	1999-09-09		sheet 2 of 3	
				engr	B.SPINK	1999-09-09		size	
				chr	B.SPINK	1999-09-09		84517	
				appd	B.SPINK	1999-09-09		A4	
sheet	revision							type	
index	sheet							CUSTOMER Drawing	



mat'l. code		-		surface		ASME Y14.5		tolerance		ASME Y14.5		projection		product family	
ltr		ecn no		dr		date		tolerances unless otherwise specified		MM		MM		MEG-Array	
H								angles		X ±3		MM		title	
								0° ±2'		XX ±10		scale 1:1		4.0mm RECPT. ASSY	
										XXX ±050				10 X 20 = 200 POS.	
								dr		D.WAUGHEN		1999-09-09		dwg no	
								engr		B.SPINK		1999-09-09		sheet 3 of 3	
								chr		B.SPINK		1999-09-09		size	
								appd		B.SPINK		1999-09-09		A4	
sheet		revision												type	
index		sheet												CUSTOMER Drawing	