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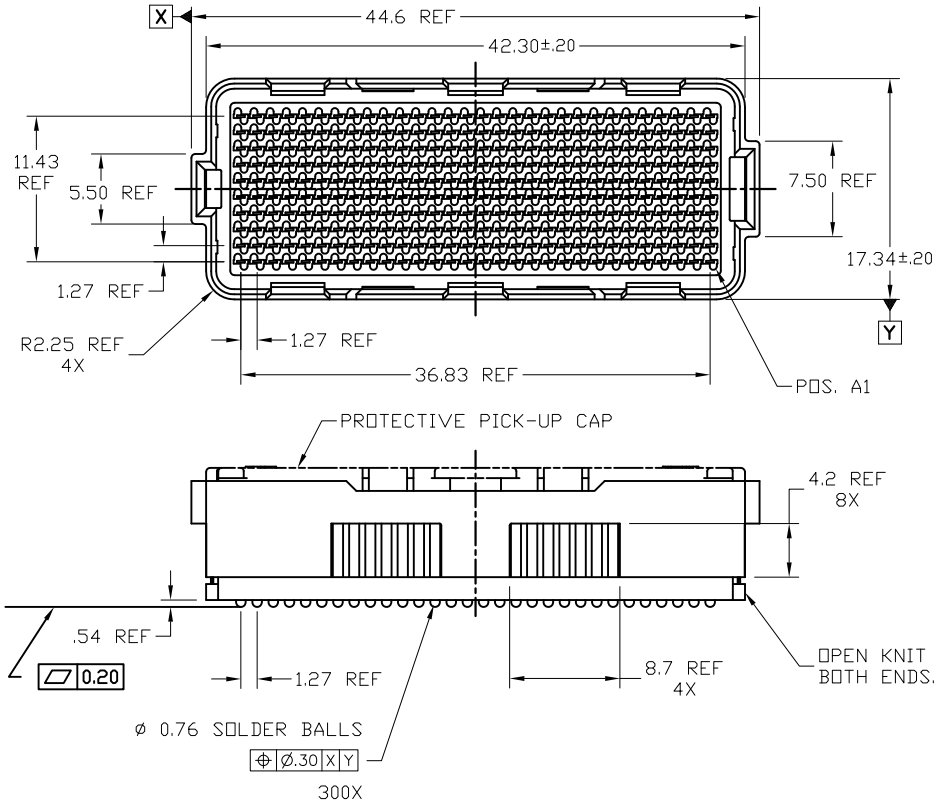
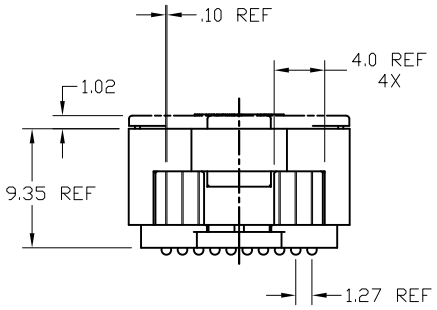
PRODUCT NUMBER	PICK-UP CAP NATURAL OR BLACK COLOR	CONTACT PLATING AND THICKNESS	SOLDER BALL	NOTES
84578-002	YES	15u" (.38um) Au	SnPb	
84578-002LF	YES	15u" (.38um) Au	LEAD FREE	6
84578-092	YES	15u" (.38um) GXT	SnPb	
84578-092LF	YES	15u" (.38um) GXT	LEAD FREE	6
84578-093LF	YES	15u" (.38um) GXT	LEAD FREE	6 , 10
84578-102	YES	30u" (.76um) Au	SnPb	
84578-102LF	YES	30u" (.76um) Au	LEAD FREE	6
84578-192	YES	30u" (.76um) GXT	SnPb	
84578-192LF	YES	30u" (.76um) GXT	LEAD FREE	6
84578-202	YES	50u" (1.27um) Au SPECIAL	SnPb	3 AND 4
84578-202LF	YES	50u" (1.27um) Au SPECIAL	LEAD FREE	3, 4 AND 6
84578-292	YES	50u" (1.27um) GXT SPECIAL	SnPb	3 AND 4
84578-292LF	YES	50u" (1.27um) GXT SPECIAL	LEAD FREE	3, 4, AND 6
84578-A02	YES	30u" (.76um)	SnPb	7
84578-A02LF	YES	30u" (.76um)	LEAD FREE	6 AND 7
~~84578-302~~	~~YES~~	~~15u" (.38um) Au SPECIAL~~	~~SnPb~~	~~7~~
~~84578-302LF~~	~~YES~~	~~15u" (.38um) Au SPECIAL~~	~~LEAD FREE~~	~~6 AND 7~~
~~84578-402~~	~~YES~~	~~30u" (.76um) Au SPECIAL~~	~~SnPb~~	~~7~~
~~84578-402LF~~	~~YES~~	~~30u" (.76um) Au SPECIAL~~	~~LEAD FREE~~	~~6 AND 7~~
~~84578-502~~	~~YES~~	~~Au SPECIAL~~	~~SnPb~~	~~3, 4 AND 7~~
~~84578-502LF~~	~~YES~~	~~Au SPECIAL~~	~~LEAD FREE~~	~~3, 4, 6 AND 7~~





mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family
							MEG-ARRAY
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
H	V11-0029	HTB	2011-06-06	angles	linear .X±.3	MM	6mm PLUG ASSEMBLY
J	V12-0030	RE	2012-08-07		.XX±.13		10 X 30 = 300 POSITIONS
K	V12-0047	DCH	2012-11-20	0° ±2°	.XXX±.051	scale 2:1	
L	V-18073	DH	2014-6-25	dr	D. WAUGHEN 1998-09-21		dwg no 84578 sheet 1 of 2 size A4
–	–	–	-	engr	M. HAHN 1998-09-21		
F	V07-0641	LP	2007-05-15	chr	M. HAHN 1998-09-21		
G	V09-358	HTB	2009-07-09	appd	M. HAHN 1998-09-21		type CUSTOMER Drawing
sheet index	revision	L	L				
	sheet	1	2				

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PRODUCT NUMBER
SEE TABLE–SHEET1–1

NOTES:

1. MATERIAL:
   HOUSING: LCP, UL 94V–0 RATED
   CONTACT: COPPER ALLOY

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

2. OVERALL BOARD–TO–BOARD STACK HEIGHTS AVAILABLE USING THIS CONNECTOR (84578):

MATED HT.	WITH RECPT. P/N	–2XX PLATING
10.0	84501	SEE NOTE 3 & 4
11.5	84502	*
14.0	84553	SEE NOTE 3 & 4

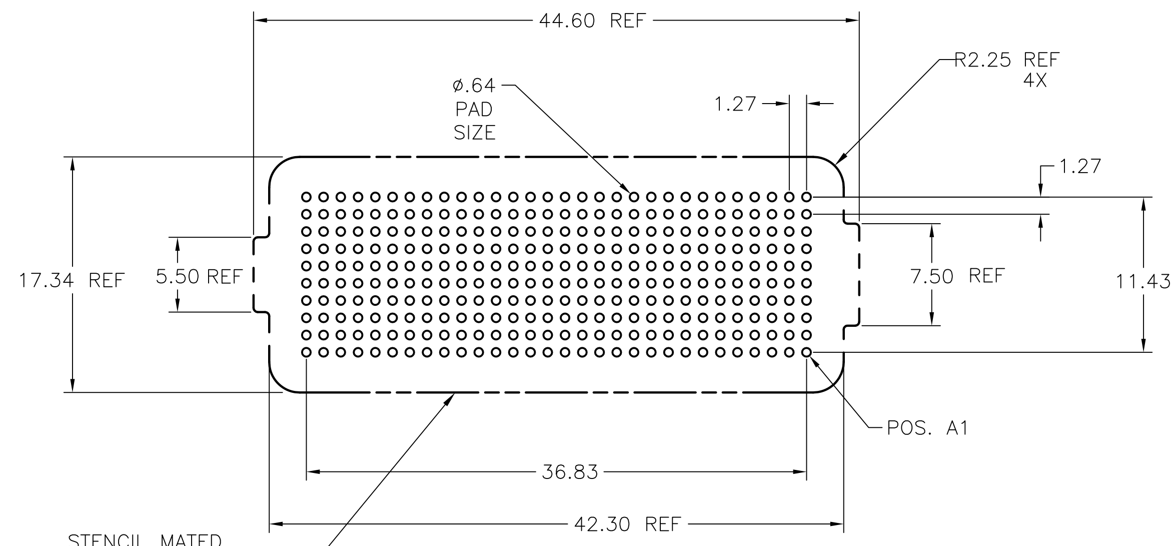
* 84502 NOT AVAILABLE IN TELCORDIA/NORTEL VERSION.

3. PLATING FOR INDICATED –2XX SERIES PRODUCT NUMBERS MEET THE REQUIREMENTS OF GR–1217–CORE, CENTRAL OFFICE ENVIRONMENT, (25 YEAR LIFE EXPECTANCY).

4. PLATING FOR INDICATED –2XX SERIES PRODUCT NUMBER IS 50μ INCH MIN. Au OVER 100μ INCH MIN. Ni WITH SPECIAL CONTACT GEOMETRY TO MEET REQUIREMENTS OF TELCORDIA GR–1217–CORE: CENTRAL OFFICE ENVIRONMENT.

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 DIRECTIVE 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

7. 84578–A02 AND –A02LF ARE CUSTOMER SPECIALS.

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

10. 84578–093LF HAS A SPECIAL CAP

mat'l. code: SEE NOTE 1				surface: ASME Y14.5	tolerance: ASME Y14.5	projection	product family: MEG–ARRAY
ltr	ecn no	dr	date	tolerances unless otherwise specified		MM	title: 6mm PLUG ASSEMBLY 10 X 30 = 300 POSITION
L				angles 0° ±2°	linear X±.3 .XX±.13 .XXX±.051	scale 2:1	
				dr	D. WAUGHEN 1998-09-21	FCI	dwg no 84578 sheet 2 of 2 size A4
				engr	M. HAHN 1998-09-21		
				chr	M. HAHN 1998-09-21		
				appd	M. HAHN 1998-09-21		type: CUSTOMER Drawing
sheet index	revision sheet						

form: A4mmXLc

PDS: Rev :L STATUS:Released Printed: Jun 26, 2014

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI:
84578-002LF