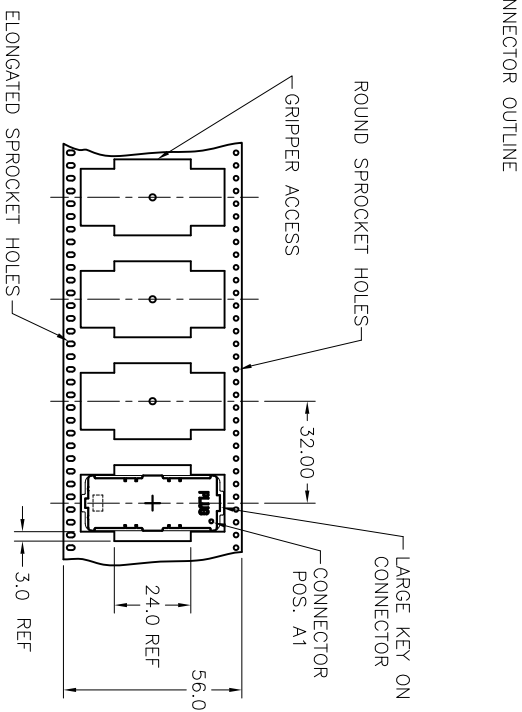
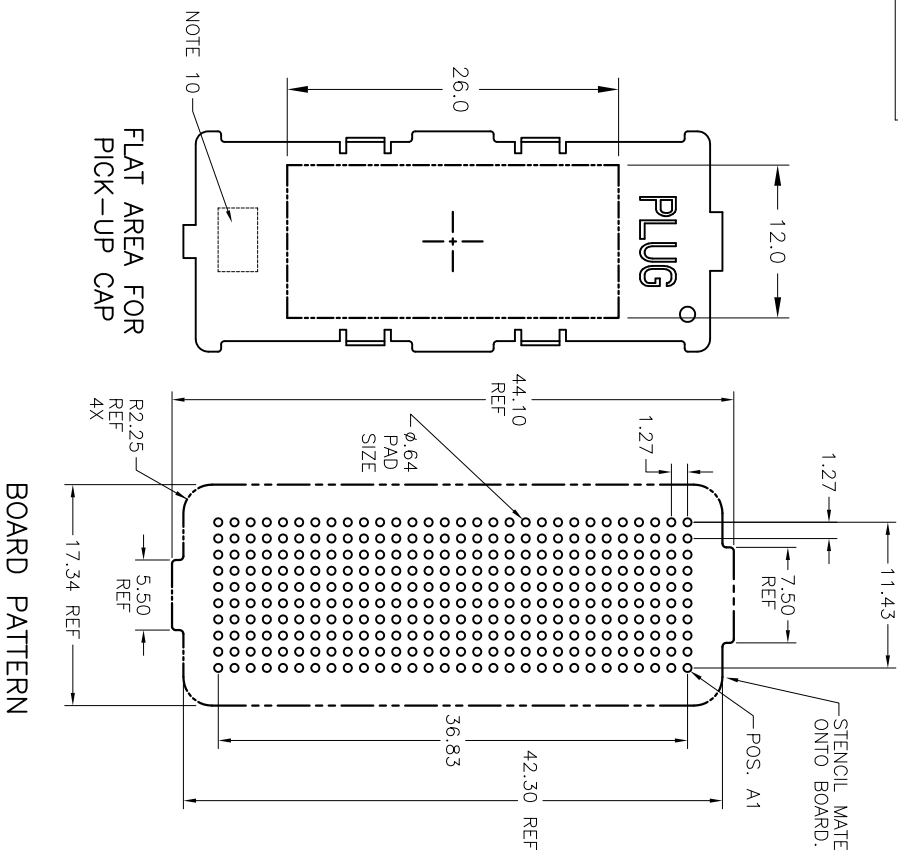




CONTINUOUS OPEN KNT LINE CRACKS (TRAVERSING THE ENTIRE BODY LENGTH OF THE CONNECTOR) WHICH CAUSE CRITICAL-TO-FUNCTION DIMENSIONAL CHANGES THAT AFFECT THE CONNECTORS MECHANICAL ALIGNMENT FEATURES ARE NOT PERMISSIBLE. SEE NOTE 6.

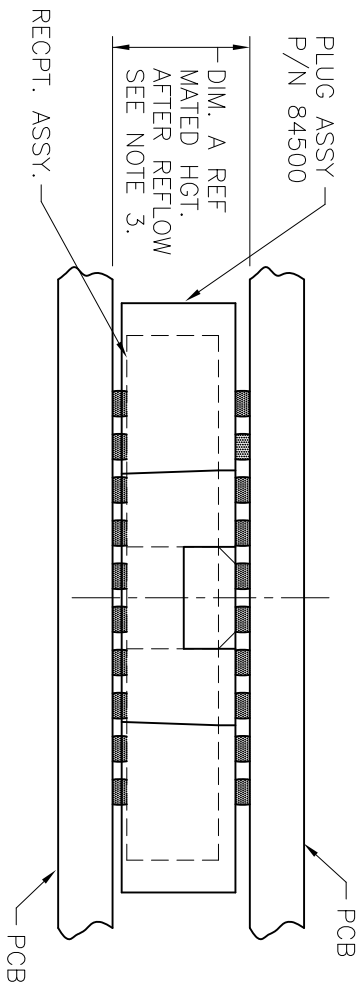
84500	A4
CUSTOMER Drawing	



TAPE & REEL PACKAGING SCALE: NONE
PER EIA 481-3

mat'l code		surface		tolerance		projection		product family	
SEE NOTE 1		ASME Y14.5 ✓		ASME Y14.5				MEG-ARRAY	
lth	ecrn no	dr	date	tolerances unless otherwise specified				title	
R				angles		MM		0mm PLUG ASSEMBLY	
				0° ±2°				10 X 30 = 300 POSITIONS	
					XXX+051	scale 2:1		dwg no	
								sheet 2 of 5	
								84500	
								size	
								A4	
								type	
								CUSTOMER Drawing	
sheet index	revision	sheet							

PRODUCT NUMBER
SEE TABLE



MATED HEIGHT TABLE		
DIM. A	RECPT. ASSY. P/N	-2XX PLATING
4.0	84501	SEE NOTE 4.
5.5	84502	*
8.0	84553	SEE NOTE 5.

* 84502 NOT AVAILABLE IN TELCORDIA/NORTEL VERSION.

MATED HEIGHT AFTER REFLOW IS BASED ON ϕ .64mm PAD (METAL-DEFINED) AND .13mm SOLDER PASTE STENCIL THICKNESS. SEE NOTE 3.

END VIEW – MATED CONNECTORS SCALE: NONE

mat'l. code		surface		tolerance		projection		product family	
SEE NOTE 1	1	ASPC Y4.5	✓	ASPC Y4.5		ASPC Y4.5		MEG-ARRAY	
lfr	ecn no	dr	date	angles	dr	dr	date	title	
R				XXX-13	XXX-13	XXX-13	XXX-13	0mm PLUG ASSEMBLY	
				XXX-051	XXX-051	XXX-051	XXX-051	10 X 30 = 300 POSITION	
				DR	D. WAUGHEN	DR	D. WAUGHEN	Scale 2:1	
				DR	D. HARPER	DR	D. HARPER	Sheet 3 of 5	
				DR	D. HARPER	DR	D. HARPER	size	
				DR	D. HARPER	DR	D. HARPER	A4	
sheet	revision			apdd	D. HARPER	999-12-6		CUSTOMER Drawing	
index	sheet								



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4

PRODUCT NUMBER	PICK-UP CAP (NATURAL OR BLACK IN COLOR)	CONTACT PLATING AND THICKNESS	SOLDER BALL	NOTES
84500-002	YES	15μ" (.38μm) Au	SnPb	
84500-002LF	YES	15μ" (.38μm) Au	LEAD FREE	7 & 8
84500-092	YES	15μ" (.38μm) GXT	SnPb	
84500-092LF	YES	15μ" (.38μm) GXT	LEAD FREE	7 & 8
84500-093	WITH VENT HOLES	15μ" (.38μm) GXT	SnPb	7 , 8
84500-093LF	WITH VENT HOLES	15μ" (.38μm) GXT	LEAD FREE	7 , 8
84500-102	YES	30μ" (.76μm) Au	SnPb	
84500-102LF	YES	30μ" (.76μm) Au	LEAD FREE	7 & 8
84500-192	YES	30μ" (.76μm) GXT	SnPb	
84500-192LF	YES	30μ" (.76μm) GXT	LEAD FREE	7 & 8
84500-202	YES	50μ" (1.27μm) Au SPECIAL	SnPb	4, & 5
84500-202LF	YES	50μ" (1.27μm) Au SPECIAL	LEAD FREE	4, 5, 7 & 8
84500-292	YES	50μ" (1.27μm) GXT SPECIAL	SnPb	4, & 5
84500-292LF	YES	50μ" (1.27μm) GXT SPECIAL	LEAD FREE	4, 5, 7, & 8
84500-A02	YES	30μ" (.76μm)	SnPb	9
84500-A02LF	YES	30μ" (.76μm)	LEAD FREE	7, 8 & 9

A

A

B

B

mat'l. code		SnPb		surface		tolerance		projection		product family	
SEE NOTE 1		date		ASPC Y4.5		ASPC Y4.5				MEG-ARRAY	
litr	ecn no	qtr	date	tolerances unless otherwise specified						title	
R				angles	60°	3x3		MM		0mm PLUG ASSEMBLY	
				or ±2°	XXX.051	XXX.13		Scale 2:1		10 X 30 = 300 POSITIONS	
				qtr	T. BREWBAKER	2011-06-06				dwg no	
				pngr	T. BREWBAKER	2011-06-06				sheet 4 of 5	
				cltr	T. BREWBAKER	2011-06-06				size	
				apdd	D. HORCHLER	2011-06-06				A4	
sheet	revision									CUSTOMER Drawing	
index	sheet										

form: ArrayMLC

1

2

3

4

PRODUCT NUMBER

SEE TABLE

1 | 2

3 |

4

NOTES:

① MATERIAL:

HOUSING: LCP
CONTACT: COPPER ALLOY

PLATING:

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

② SOLDER BALLS WILL NOT BE PERFECT SPHERICAL SHAPE
DUE TO REFLOW ATTACHMENT.

③ MATED HEIGHT EFFECTED BY CUSTOMER'S PCB PAD SIZE, PLATING,
SOLDER REFLOW PROFILE, & SOLDER PASTE.

④ PLATING FOR INDICATED -2XX SERIES PRODUCT NUMBERS
MEET THE REQUIREMENTS OF (GR-1217-CORE,
CENTRAL OFFICE ENVIRONMENT, 25 YEAR LIFE EXPECTANCY).

⑤ PLATING FOR INDICATED -2XX SERIES PART NOS. IS Au OVER Ni
WITH SPECIAL CONTACT GEOMETRY TO MEET REQUIREMENTS OF
TELCORDIA GR-1217-CORE: CENTRAL OFFICE ENVIRONMENT.

⑥ KNT LINE: SLIGHT VISIBLE MARKS (USUALLY A LINE) INDICATING
THE DIRECTION AND MEETING POINT OF PLASTIC RESIN FLOW
FRONTS TRAVELING AROUND ANY OBSTRUCTIONS TO THE RESIN
FLOW VIA THE REQUIRED MOLD TOOLING.

⑦ 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.

⑧ 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.

⑨ 84500-A02 AND -A02LF ARE CUSTOMER SPECIALS.

⑩ CURRENT COMPANY LOGO TO BE VISIBLE IN
APPROXIMATE AREA SHOWN.

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

mat'l. code	SEE NOTE 1	surface	tolerance	projection	product family
lfr	ecn no	dr	date	ASME Y14.5	ASME Y14.5
R		angles	XXX.X	XXX.X	XXX.X
		or ±2°	XXX.X051	Scale 2:1	Scale 2:1
		dr	T. BREWBAKER	2016-06-06	2016-06-06
		dr	T. BREWBAKER	2016-06-06	2016-06-06
		dr	T. BREWBAKER	2016-06-06	2016-06-06
		dr	D. HORCHLER	2016-06-06	2016-06-06
sheet	revision				
index	sheet				

B

Item: ArrayMLC

1 |

2 |

3 |

4

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A