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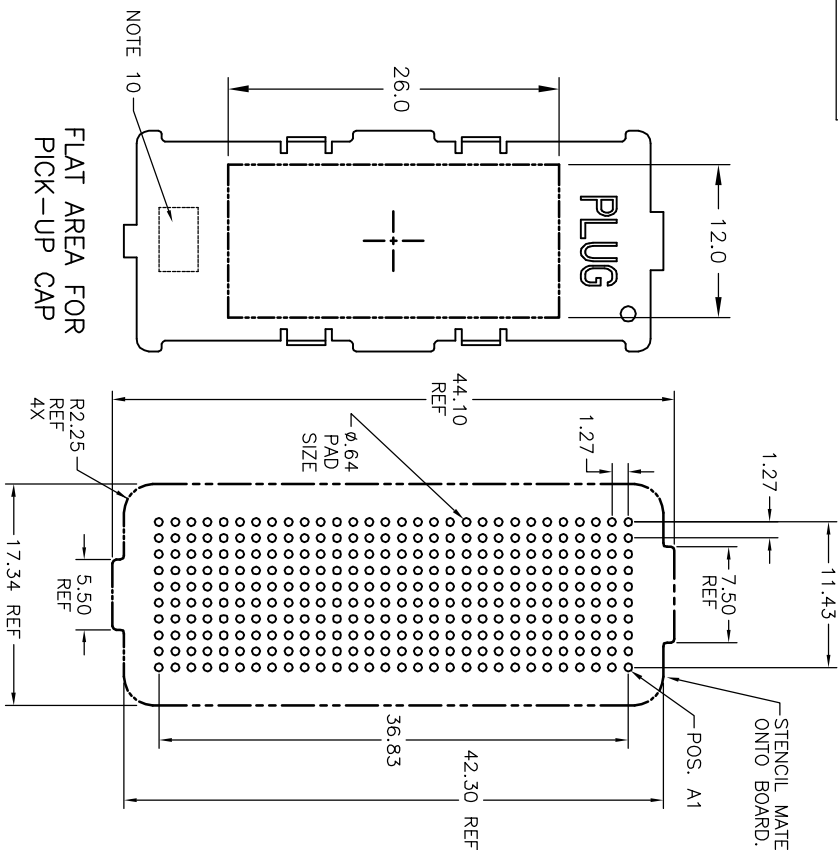
PRODUCT NUMBER

SEE TABLE

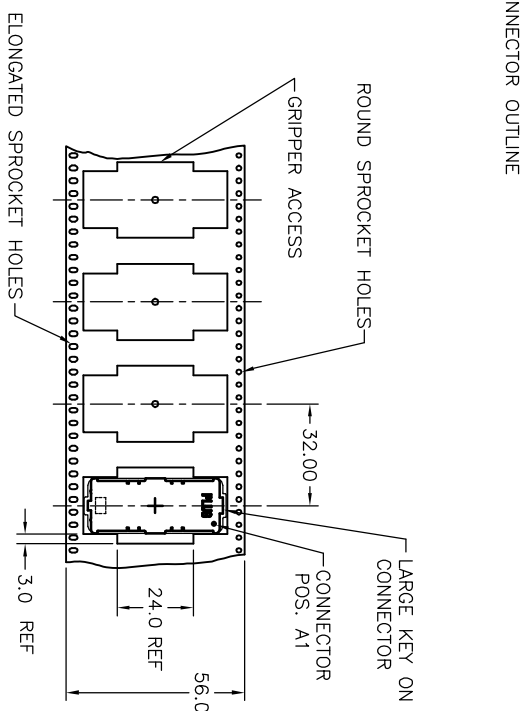
1 2

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4



BOARD PATTERN



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

mat'l. code		surface		tolerance		projection		product family	
SEE NOTE 1		ASPC Y14.5		ASPC Y14.5		MM		MEG-ARRAY	
lbr	ecm no	qtr	date	tolerances unless otherwise specified		Scale 2:1		title	
S				angles	XXX.3	10 X 30 = 300 POSITIONS		0mm PLUG ASSEMBLY	
				dr	XXX.051	sheet 2 of 5		size	
				dr	D. WAUGHEN	A4		CUSTOMER Drawing	
				engr	D. HARPER				
				chr	D. HARPER				
				apdd	D. HARPER				
sheet	revision								
index	sheet								

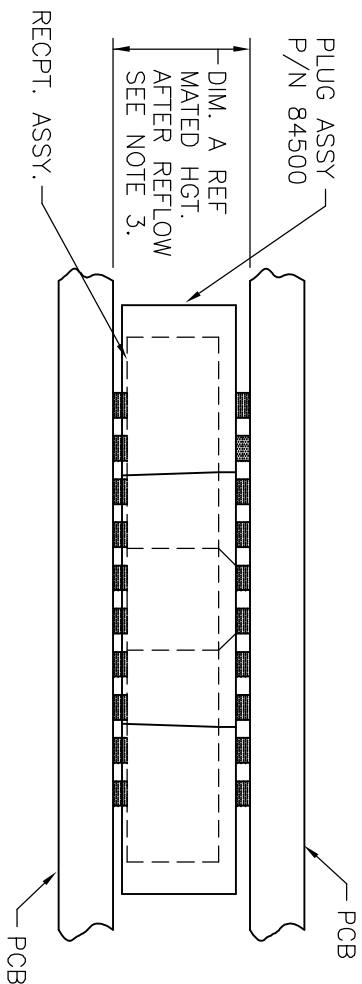
form: A000X1C

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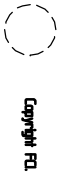
MATED HEIGHT TABLE		
DIM. A	RECP.T. ASSY. P/N	-2XX PLATING
4.0	84501	SEE NOTE 4.
5.5	84502	*
8.0	84553	SEE NOTE 5.

* 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		ASME Y14.5 ✓		ASME Y14.5				MEG-ARRAY	
lfr	ecrn no	dr	date	indecates unless otherwise specified				title	
S				X-3		MM		0mm PLUG ASSEMBLY	
				X-X-B				10 X 30 = 300 POSITION	
				O ±.2		scale 2:1		dwg no	
				XXX-051				sheet 3 of 5 size	
				dr D. WAUGHEN				84500	
				ENGR D. HARPER				A4	
				CNR D. HARPER					
				D. HARPER					
sheet	revision			apprd D. HARPER				type	
index	sheet							CUSTOMER Drawing	



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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	ASPC Y14.5	ASPC Y14.5	ASPC Y14.5		MEG-ARRAY
lbr	ecm no	dtr	date		title
S		angles	XXX.X3	MM	0mm PLUG ASSEMBLY
		0" ±.2"	XXX.X051	Scale 2:1	10 X 30 = 300 POSITIONS
		dtr	T. BREWBAKER	2011-06-06	dwg no
		engr	T. BREWBAKER	2011-06-06	sheet 4 of 5
		dtr	T. BREWBAKER	2011-06-06	size
		apdd	D. HORCHLER	2011-06-06	A4
sheet	revision				type
index	sheet				CUSTOMER Drawing

form: ArrayMLc

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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. KNIT 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						surface		tolerance		projection		product family MEG--ARRAY							
SEE NOTE 1						ASME Y14.5 ✓		ASME Y14.5				title 0mm PLUG ASSEMBLY							
lfr		ecn no		dfr		date						dwg no 10 X 30 = 300 POSITIONS							
s						angles		x-3		MM		sheet 5 of 5 size A4							
						0° ±2'		XX+YB		scale 2:1		CUSTOMER Drawing							
						XXX-051													
						dfr		T. BREWBAKER 20th-06-06											
						ENGR		T. BREWBAKER 20th-06-06											
						CNR		T. BREWBAKER 20th-06-06											
						apprd		D. HORCHLER 20th-06-06											
sheet index		revision																	
		sheet																	