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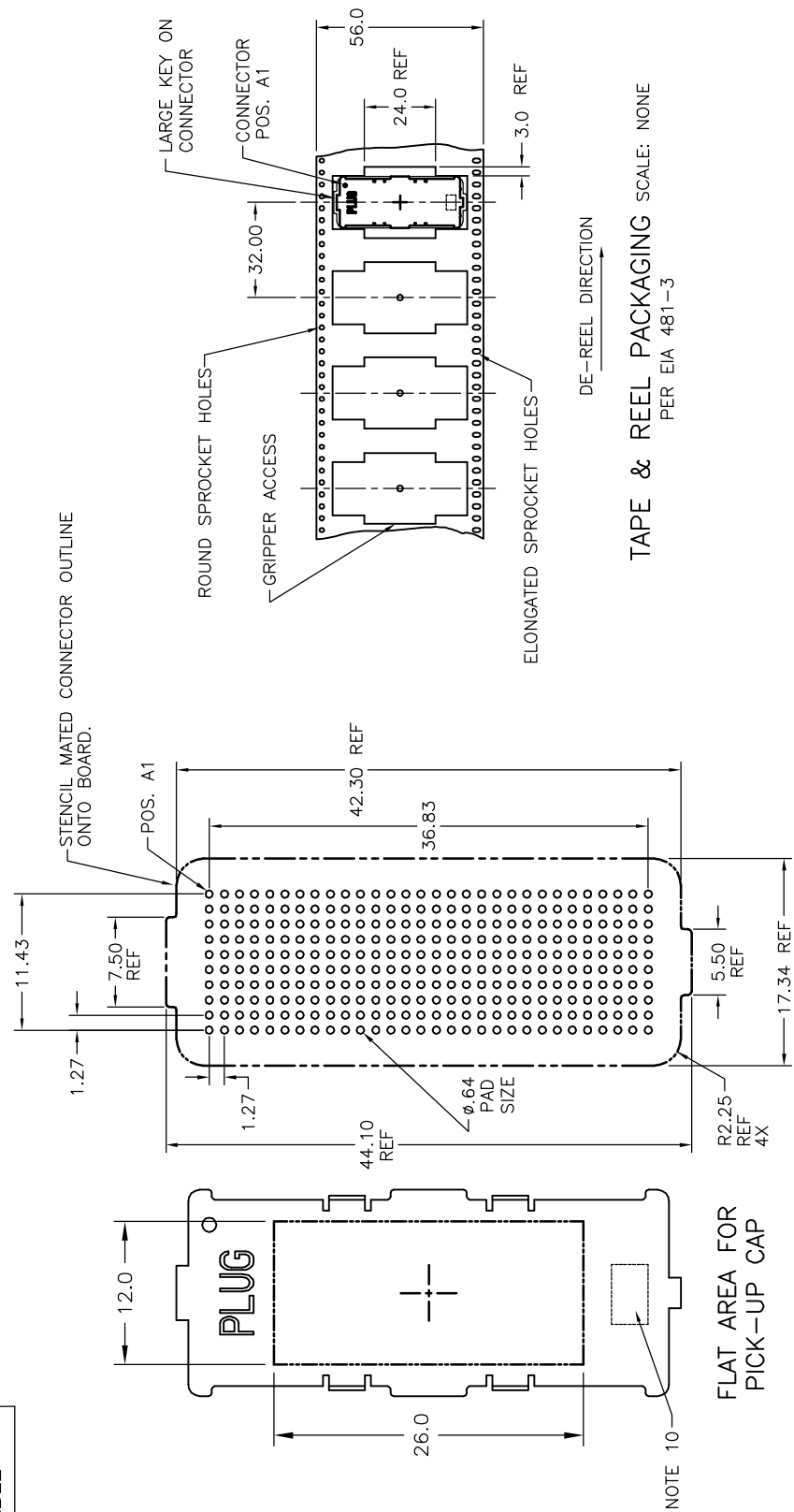
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PRODUCT NUMBER
SEE TABLE

1 | 2

3 |

4



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

BOARD PATTERN

mat'l code	SEE NOTE 1	Surface	Tolerance	projection	product family
lit	ecdn no	date	ASME Y14.5	ASME Y14.5	title
S			tolerances unless otherwise specified	MM	0mm PLUG ASSEMBLY
			angles	scale	10 X 30 = 300 POSITIONS
			XXX-B	2:1	dwg no
			XXX-051		sheet 2 of 5
			XXX-051		size
			XXX-051		84500
			XXX-051		A4
			XXX-051		CUSTOMER Drawing
sheet index	revision	sheet			

2

3

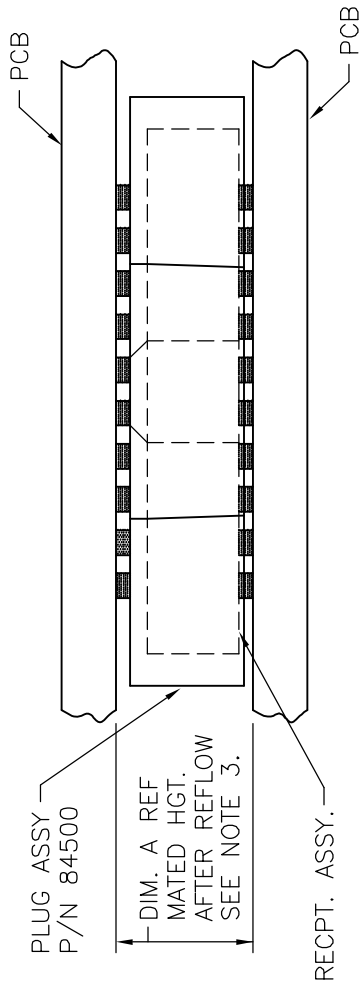
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PRODUCT NUMBER
SEE TABLE

1 2

3

4





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		SEE NOTE 1		surface		tolerance		projection	product family		
lfr	ecn no	lfr	date	ASME Y14.5	tolerances unless otherwise specified	ASME Y14.5			title	MEG-ARRAY	
S				angles		X+.3					
						X+.3		MM			
				0° ±2'		XXX+.051		scale 2:1			
				dr	D. WAUGHEN	1998-051			dwg no	sheet 3 of 5	
				engr	D. HARPER	1998-051				84500	A4
				chr	D. HARPER	1998-051					
				appd	D. HARPER	1998-051			type	CUSTOMER Drawing	
sheet	revision										
index	sheet										



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	ASME Y14.5	ASME Y14.5	MM	title	MEG-ARRAY
ec'n no	dr	angles	tolerances unless otherwise specified	scale	Omm PLUG ASSEMBLY	
S		0° ±2'	X+3	2:1	10 X 30 = 300 POSITIONS	
		dr	T. BREWBAKER	2011-06-06	dwg no	
		eng	T. BREWBAKER	2011-06-06	sheet 4 of 5 size	
		chr	T. BREWBAKER	2011-06-06	84500	
		appd	D. HORCHLER	2011-06-06	CUSTOMER Drawing	
sheet index	revision	sheet				



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1 | 2

3 |

4

PRODUCT NUMBER
SEE TABLE

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		SEE NOTE 1		Surface		tolerance		projection		product family	
lfr	ecdn no	dr	date	ASME Y14.5	ASME Y14.5	ASME Y14.5	ASME Y14.5	ASME Y14.5	ASME Y14.5	title	title
S				tolerances unless otherwise specified	angles	XX+Y	XX+Y	MM	MM	0mm PLUG ASSEMBLY	MEG-ARRAY
					0° ±2°	XXX.051	XXX.051	Scale	2:1	10 X 30 = 300 POSITIONS	
					dr	T. BREWBAKER	2011-06-06	dwg no	sheet 5 of 5	size	
					dr	T. BREWBAKER	2011-06-06	type		84500	A4
					dr	T. BREWBAKER	2011-06-06			CUSTOMER Drawing	
sheet index	revision	sheet									

form: A4mmX4c

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4