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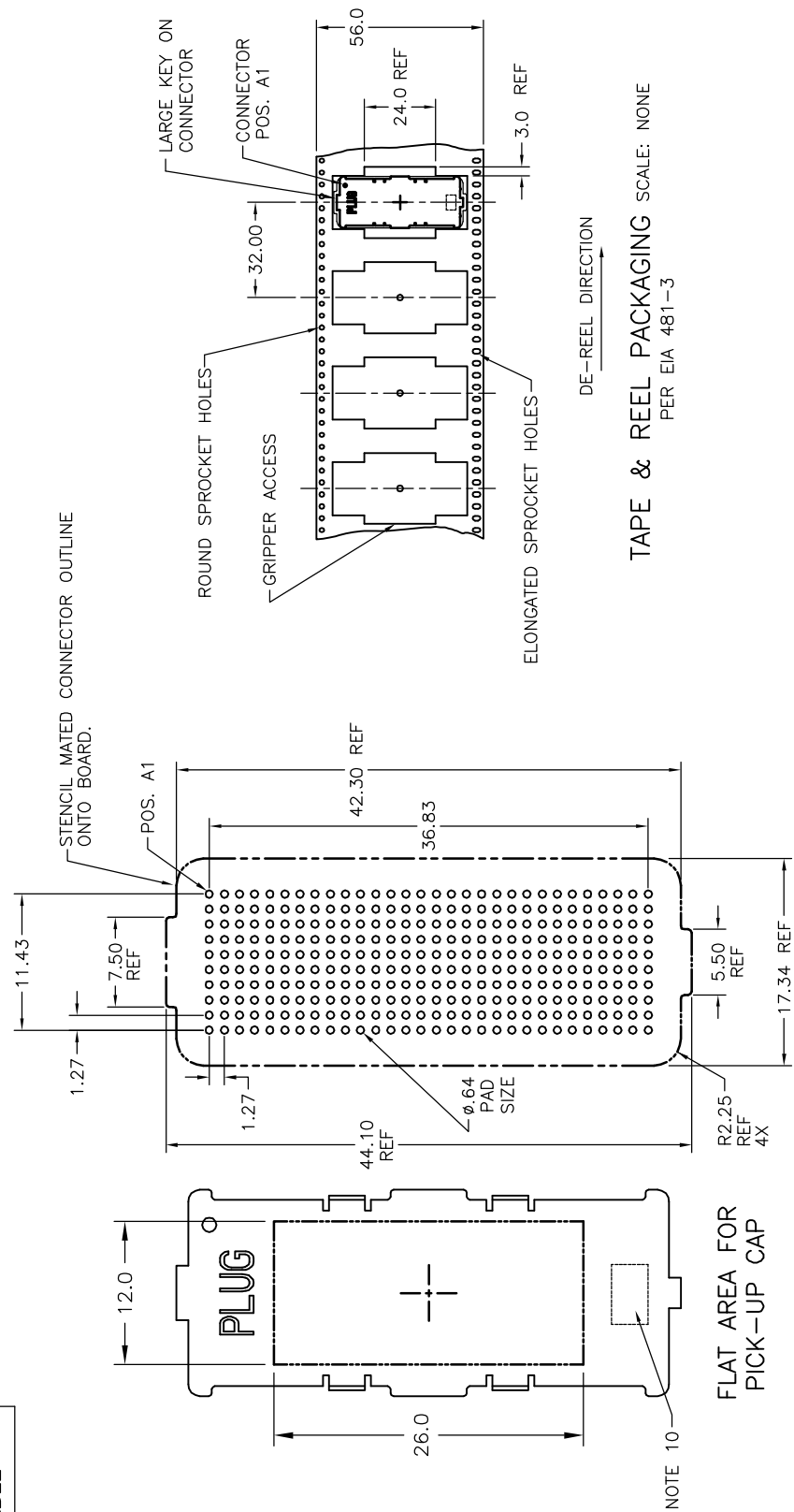
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PRODUCT NUMBER
SEE TABLE

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
lfr	ecdn no	ASME Y14.5	ASME Y14.5	MM	MEG-ARRAY
S	date	tolerances unless otherwise specified	XX+3	MM	0mm PLUG ASSEMBLY
		angles	XX+3	scale	10 X 30 = 300 POSITIONS
		0° ±2°	XXX+051	2:1	dwg no
		0° ±2°	XXX+051		sheet 2 of 5
		0° ±2°	XXX+051		size
		0° ±2°	XXX+051		84500
		0° ±2°	XXX+051		A4
		0° ±2°	XXX+051		CUSTOMER Drawing
revision	sheet				
index					

2

3

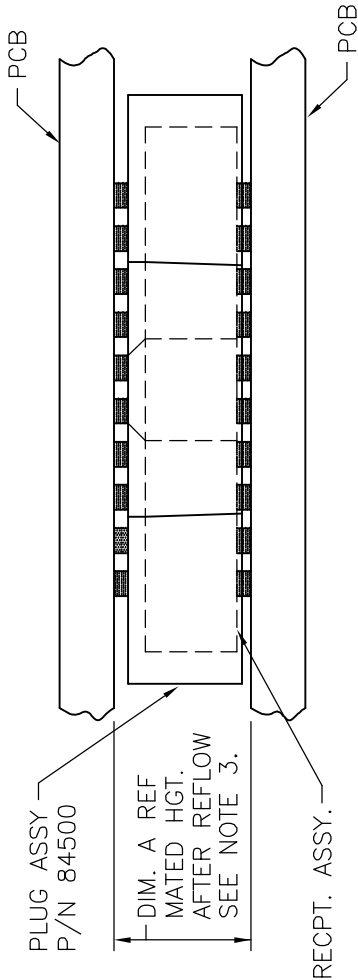
4

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	dr	date	ASME Y14.5		title
S				tolerances unless otherwise specified	MM	MEG-ARRAY
				angles	scale 2:1	0mm PLUG ASSEMBLY
				XXX-B		10 X 30 = 300 POSITION
				XXX-051		dwg no
				XXX-051		sheet 3 of 5 size
				XXX-051		84500
				XXX-051		A4
				XXX-051		type
				XXX-051		CUSTOMER Drawing
sheet	revision					
index	sheet					

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1 | 2

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

3 |

4

mat'l code		SnPb	surface	tolerance	projection	product family
SEE NOTE 1	date	ASME Y14.5	ASME Y14.5	MM	MEG-ARRAY	
lfr	ecdn no	dr	angles	scale	title	
S			tolerances unless otherwise specified	2:1	Omm PLUG ASSEMBLY	
			X+3		10 X 30 = 300 POSITIONS	
			.XX+3		dwg no	
			XXX.051		sheet 4 of 5 size	
			0° ±2'		84500	
			dr T. BREWBAKER		A4	
			eng T. BREWBAKER		CUSTOMER Drawing	
			chr T. BREWBAKER			
			appd D. HORCHLER			
sheet index	revision	sheet				



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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				title	
S				tolerances unless otherwise specified		Xx3		MM		MEG-ARRAY	
				angles		XXx3		Scale 2:1		Omm PLUG ASSEMBLY	
				0° ±2'		XXX-051				10 X 30 = 300 POSITIONS	
				dr		T. BREWBAKER 2011-06-06				dwg no sheet 5 of 5 size	
				ENGT		T. BREWBAKER 2011-06-06				84500 A4	
				chtr		T. BREWBAKER 2011-06-06				type CUSTOMER Drawing	
				appl		D. HORSCHLER 2011-06-06					
sheet index	revision sheet										