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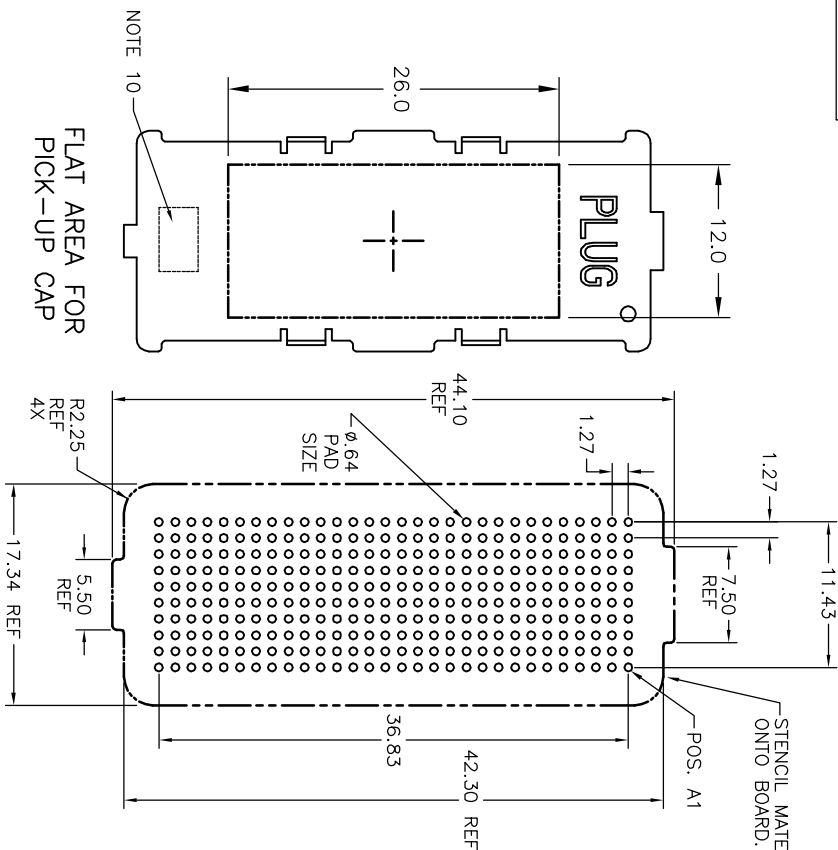
PRODUCT NUMBER

SEE TABLE

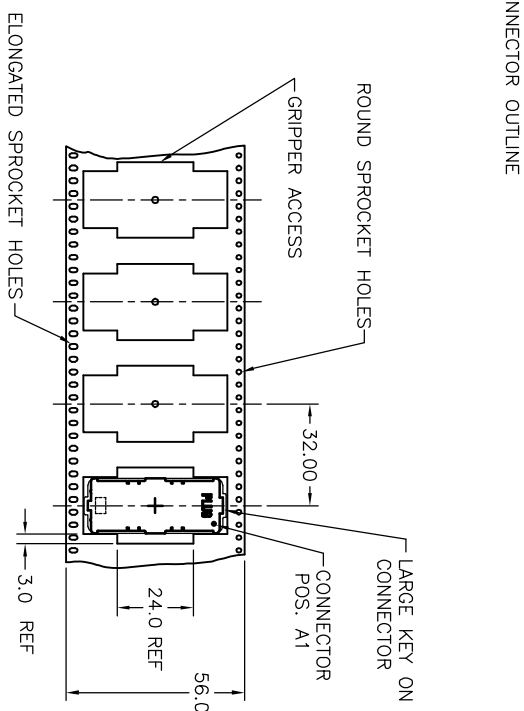
1 2

3

4



BOARD PATTERN



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

mat'l. code		SEE NOTE 1		surface		tolerance		projection		product family	
lbr	ecn no	dtr	date	ASPC Y14.5	ASPC Y14.5	ASPC Y14.5	ASPC Y14.5	ASPC Y14.5	ASPC Y14.5	MEG-ARRAY	title
S				angles	XXX.3	XXX.3	XXX.3	XXX.3	XXX.3	0mm PLUG ASSEMBLY	10 X 30 = 300 POSITIONS
				dr	D. WAUGHEN	1998-051	1998-051	1998-051	1998-051	Scale 2:1	sheet 2 of 5
				engr	D. HARPER	1998-02-6	1998-02-6	1998-02-6	1998-02-6		size
				dtr	D. HARPER	1998-02-6	1998-02-6	1998-02-6	1998-02-6		A4
				apdd	D. HARPER	1998-02-6	1998-02-6	1998-02-6	1998-02-6		
sheet	revision										
index	sheet										

B

A

form: ArrayMLC

1

2

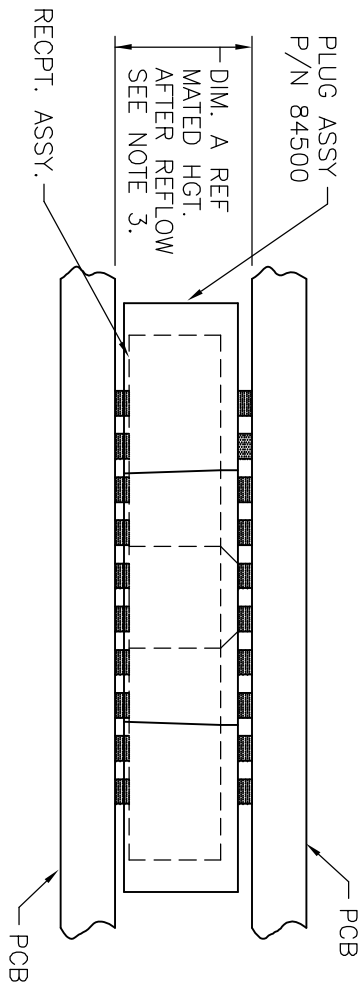
3

4

B

A

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		ASME Y14.5	✓	ASME Y14.5		ASME Y14.5		MEG-ARRAY	
lfr	ecn no	dfr	date	tolerances unless otherwise specified					
S				angles	3x3	MM			
				dr	XXX.051	Scale 2:1			
				engr	D. WAUGHEN				
				chr	D. HARPER				
				appr	D. HARPER				
sheet	revision								
index	sheet								



0mm PLUG ASSEMBLY
10 X 30 = 300 POSITION
sheet 3 of 5
size A4
CUSTOMER Drawing



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3

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

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

B

B

form: ArrayMxLc

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 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
lbr	ecn no	date	ASPC Y14.5	ASPC Y14.5	MEG-ARRAY
S			angles	MM	0mm PLUG ASSEMBLY
			or ±2°	Scale 2:1	10 X 30 = 300 POSITIONS
			dr T. BREWAKER		dwg no
			eng T. BREWAKER		84500
			chr T. BREWAKER		sheet 5 of 5
			apdd D. HORCHLER		size
sheet	revision				A4
index	sheet				CUSTOMER Drawing