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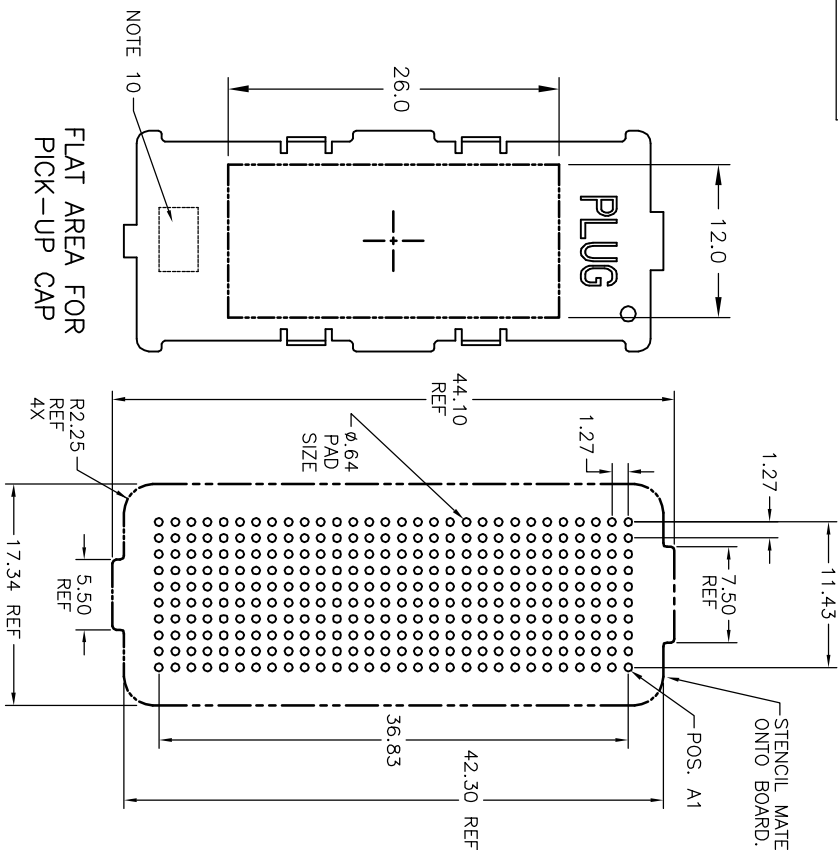
PRODUCT NUMBER

SEE TABLE

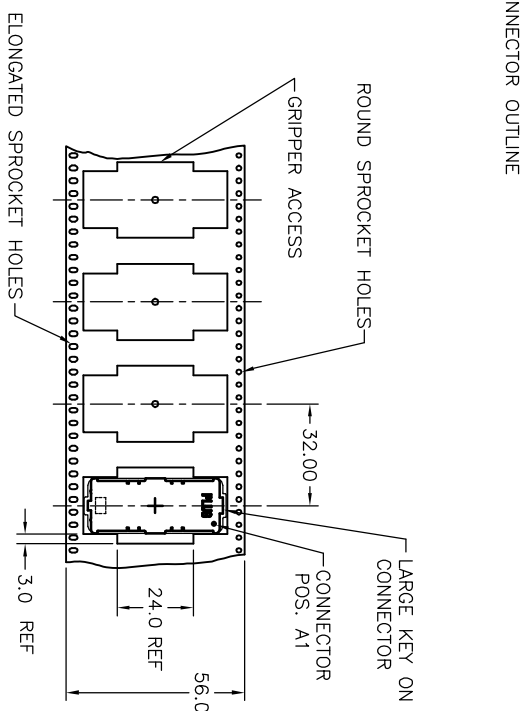
1 2

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4



BOARD PATTERN



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

DE-REEL DIRECTION

mat'l. code	SEE NOTE 1	surface	tolerance	projection	product family
lit	ecm no	dtr	date	ASPC Y14.5	ASPC Y14.5
S				angles	XXX-B
				or ±2°	XXX-B
				dtr	D. WAUGHEN 1998-2%
				engr	D. HARPER 1998-2%
				dtr	D. HARPER 1998-2%
				apdd	D. HARPER 1998-2%
sheet	revision				
index	sheet				

0mm PLUG ASSEMBLY
10 X 30 = 300 POSITIONS
84500
CUSTOMER Drawing
A4

form: A000X1C

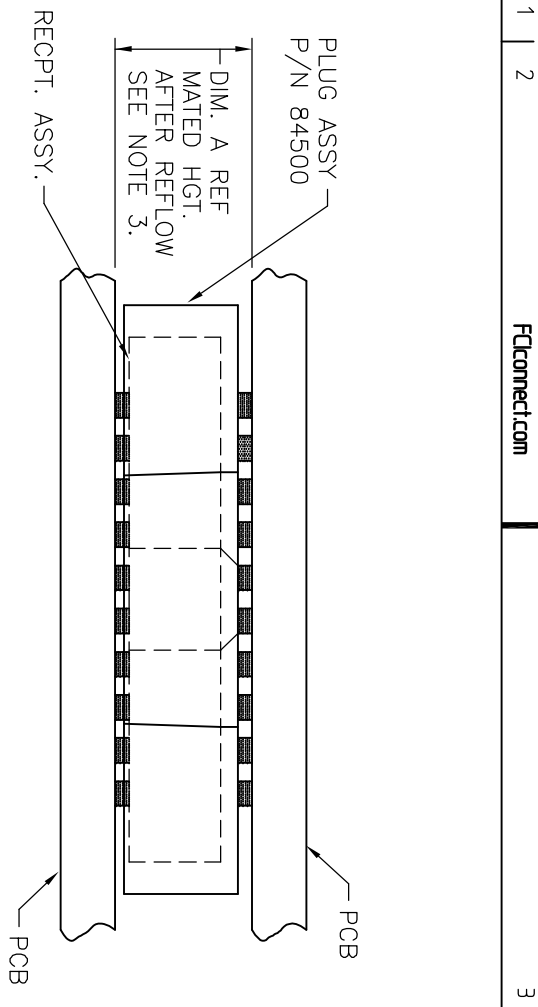
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PRODUCT NUMBER
SEE TABLE



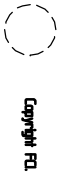
MATED HEIGHT TABLE			
DIM. A	RECPT. ASSY. P/N	-2XX PLATING	
4.0	84501	SEE NOTE 4.	
5.5	84502	*	
8.0	84553	SEE NOTE 5.	

* 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				MEG-ARRAY	
		tolerances unless otherwise specified						title	
		angles		X-3		MM		0mm PLUG ASSEMBLY	
		linear		XX-B				10 X 30 = 300 POSITION	
		O ±.2		XX-B.051		scale 2:1		dwg no	
		dr.		D. WAUGHEN				sheet 3 of 5 size	
		ENGR		1996-12-6				84500	
		D. HARPER		1996-12-6				A4	
		D. HARPER		1996-12-6				CUSTOMER Drawing	
		apprd		1996-12-6				type	
sheet		revision							
index		sheet							



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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
		XXX.X3	XXX.X3	Scale 2:1	10 X 30 = 300 POSITIONS
		dtr	T. BREWBAKER		dwg no
		eng	T. BREWBAKER		84500
		dtr	T. BREWBAKER		sheet 4 of 5
		appd	D. HORCHLER		size
sheet	revision				A4
index	sheet				CUSTOMER Drawing

B

B

form: ArrayMlc

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PRODUCT NUMBER

SEE TABLE

1 | 2

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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 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	dtr	date	ASPC Y14.5	ASPC Y14.5
S				angles	XXX-B
				or ±2°	XXX-051
				dtr	T. BREWAKER 20th-06-06
				eng	T. BREWAKER 20th-06-06
				dtr	T. BREWAKER 20th-06-06
				appd	D. HORCHLER 20th-06-06
sheet	revision				
index	sheet				

B

A