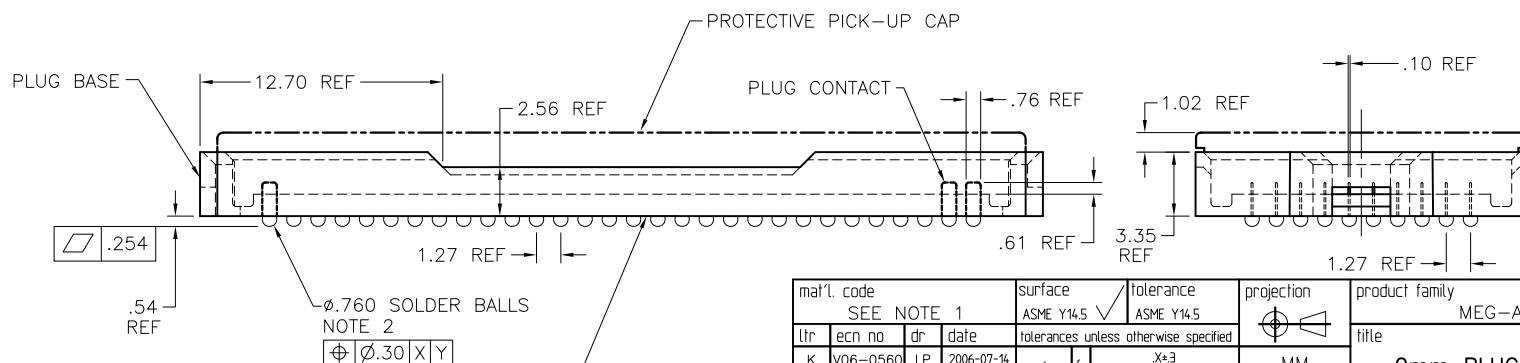
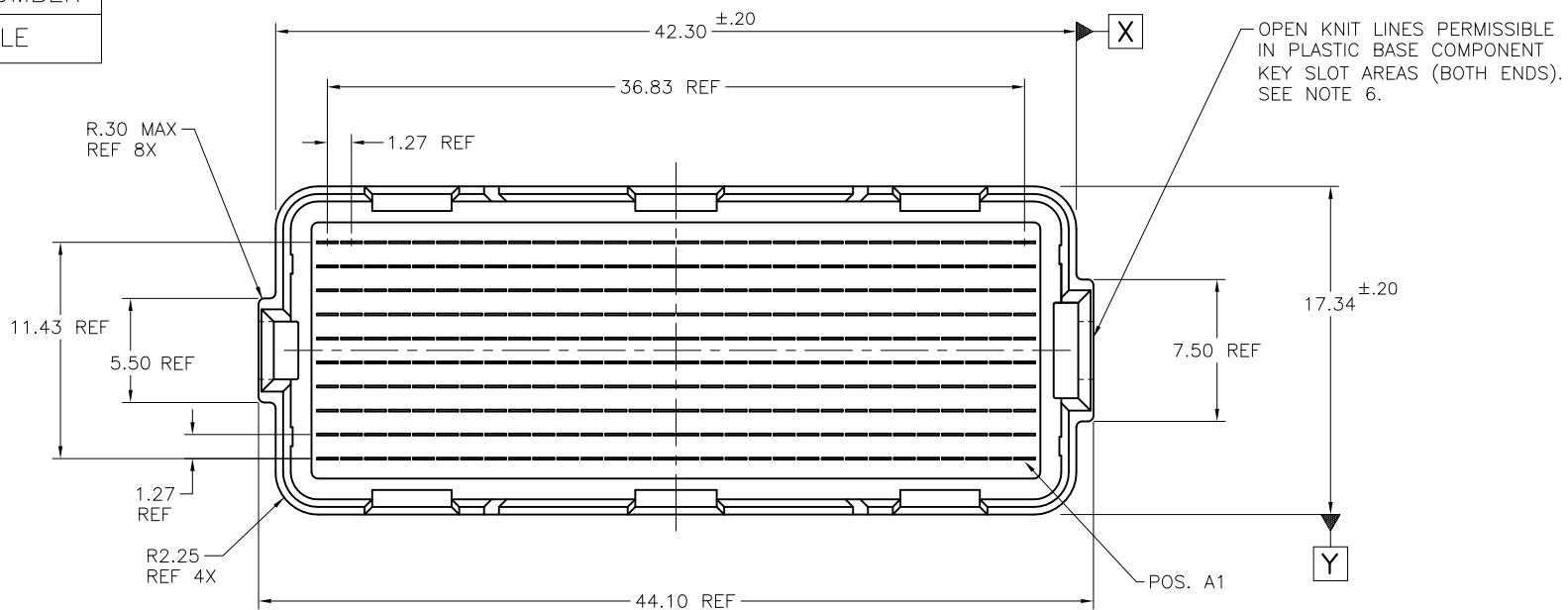


PRODUCT NUMBER

SEE TABLE

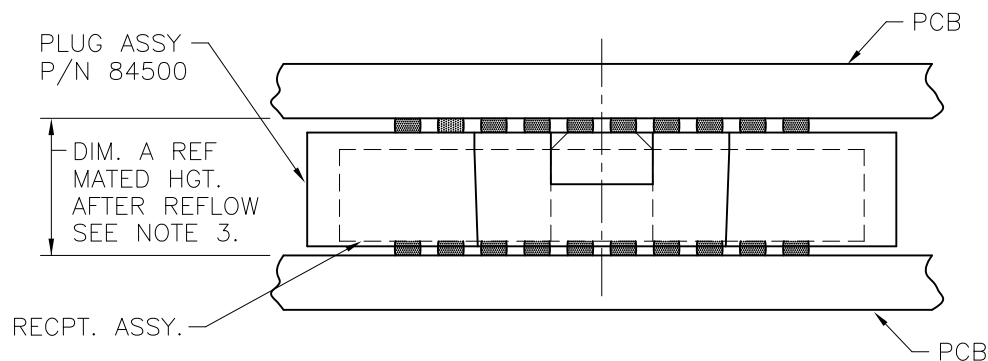


mat'l. code SEE NOTE 1				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family
ltr	ecm no	dr	date	tolerances unless otherwise specified			MEG-ARRAY
K	V06-0560	LP	2006-07-14	angles	X*3	MM	
L	V11-0029	HTB	2011-06-06	0° ±2°	XX*13	scale 3:1	
M	V12-0030	SJ	2012-08-06	dr	XXX*051		
N	V12-0036	DCH	2012-11-13	enr	D. WAUGHEN	1998-12-16	
-	-	-	-	enr	D. HARPER	1998-12-16	
H	V03-0680	DAI	2003-06-19	chr	D. HARPER	1998-12-16	
J	V04-0940	VS	2001-10-18	appd	D. HARPER	1998-12-16	
sheet index	revision	N	N	N	N	N	
sheet	1	2	3	4	5		

title	product family
0mm PLUG ASSEMBLY 10 X 30 = 300 POSITIONS	MEG-ARRAY
dwg no	sheet 1 of 5
84500	size A4
type	CUSTOMER Drawing

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 SEE NOTE 1				surface ASME Y14.5 ☒	tolerance ASME Y14.5	projection 	product family MEG-ARRAY
ltr	ecn no	dr	date	tolerances unless otherwise specified		MM 	title 0mm PLUG ASSEMBLY 10 X 30 = 300 POSITION
N				angles	$X \times 3$ $XX \times 13$		
				$0^\circ \pm 2^\circ$	$XXX \times .051$	scale 2:1	dwg no
				dr	D. WAUGHEN	1998-12-16	sheet 3 of 5
				engr	D. HARPER	1998-12-16	size
				chr	D. HARPER	1998-12-16	84500
				appd	D. HARPER	1998-12-16	A4
sheet index	revision sheet						type
							CUSTOMER Drawing



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
84500-102	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
84500-302	YES	15μ" (.38μm) Au SPECIAL	SnPb	9
84500-302LF	YES	15μ" (.38μm) Au SPECIAL	LEAD FREE	8 & 9
84500-402	YES	30μ" (.76μm) Au SPECIAL	SnPb	9
84500-402LF	YES	30μ" (.76μm) Au SPECIAL	LEAD FREE	8 & 9
84500-502	YES	Au SPECIAL	SnPb	4, 5 & 9
84500-502LF	YES	Au SPECIAL	LEAD FREE	4, 5, 8, & 9

mat'l. code SEE NOTE 1		SnPb		surface ASME Y14.5		tolerance ASME Y14.5		projection		product family MEG-ARRAY	
ltr	ecr no	dr	date	tolerances unless otherwise specified				title			
N				angles	XX+13	X+3		MM		8mm PLUG ASSEMBLY	
				0° ±2'	XXX+051	scale 2:1		10 X 30 = 300 POSITIONS			
				dr	T. BREWBAKER	2011-06-06		dwg no		sheet 4 of 5 size	
				engr	T. BREWBAKER	2011-06-06		84500		A4	
				chr	T. BREWBAKER	2011-06-06		type		CUSTOMER Drawing	
				appd	D. HORCHLER	2011-06-06					
sheet index	revision sheet										

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 ASME Y14.5	tolerance ASME Y14.5	projection 	product family MEG-ARRAY
litr	ecr no	dr	date	tolerances unless otherwise specified		 scale 2:1 	title 0mm PLUG ASSEMBLY 10 X 30 = 300 POSITIONS
N				angles	X+3 XX+13		dwg no
				0° ±2°	XXX+051		sheet 5 of 5
				dr	T. BREWBAKER 2011-06-06		size
				engr	T. BREWBAKER 2011-06-06		A4
				chr	T. BREWBAKER 2011-06-06		type
				appd	D. HORCHLER 2011-06-06		CUSTOMER Drawing
sheet index	revision sheet						