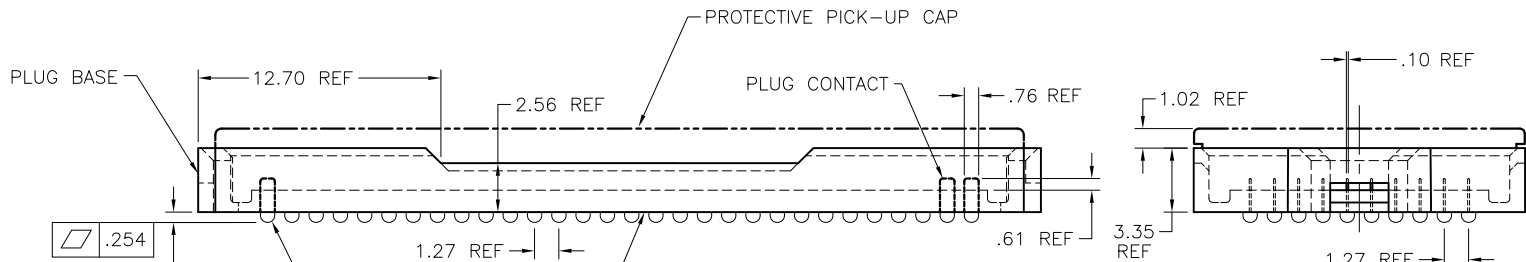
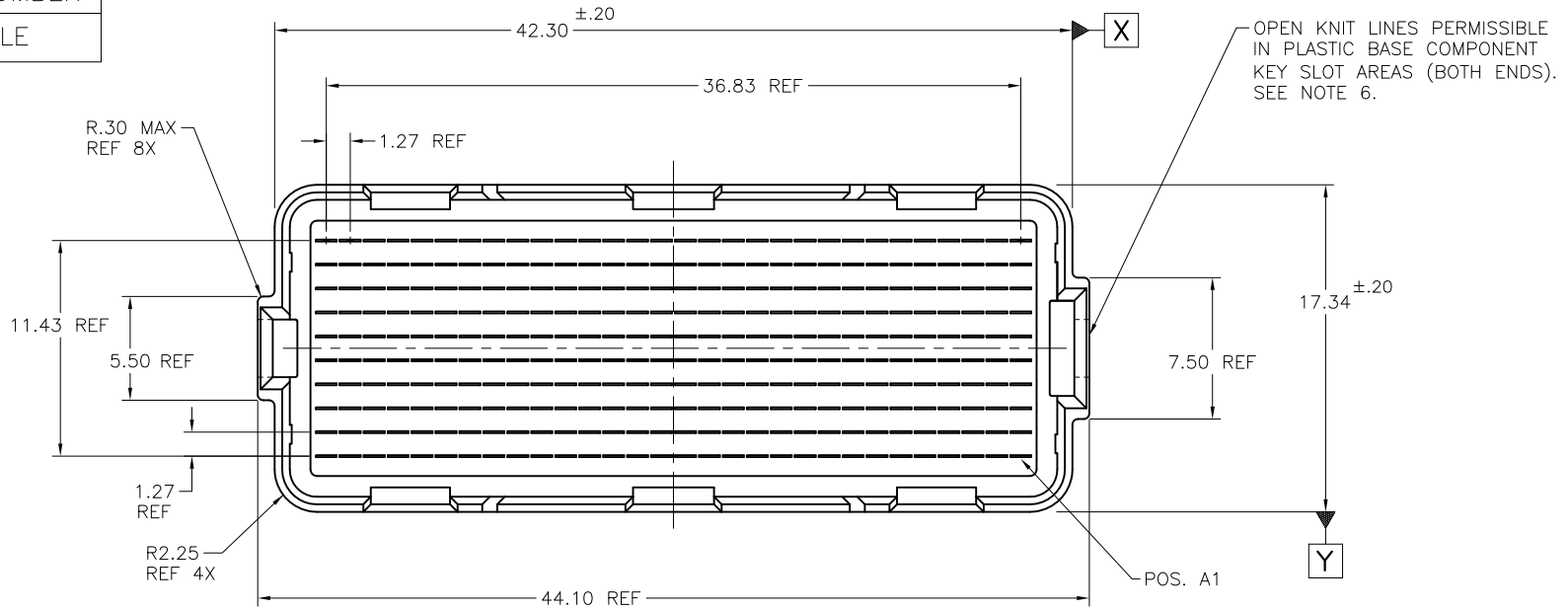


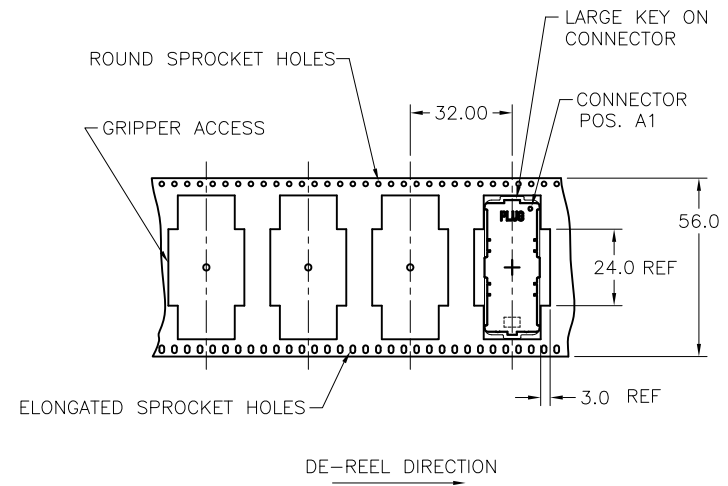
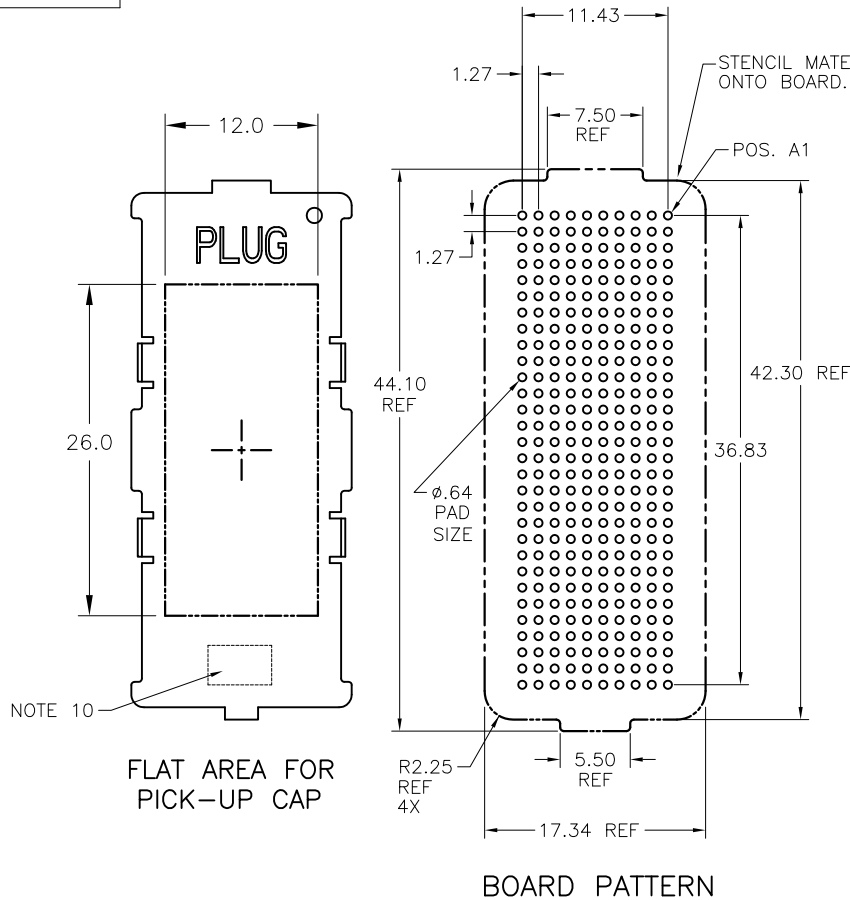
PRODUCT NUMBER
SEE TABLE



Ø.760 SOLDER BALLS
NOTE 2
⊕ Ø.30 X Y

mat'l. code		surface		tolerance		projection		product family	
SEE NOTE 1		ASME Y14.5		ASME Y14.5		MM		MEG-ARRAY	
ltr	ec'n no	dr	date	tolerances unless otherwise specified		MM		title	
K	V06-0560	LP	2006-07-14	angles	X*3	MM		0mm PLUG ASSEMBLY	
L	V11-0029	HTB	2011-06-06	0° ±2'	.XX*13	scale 3:1		10 X 30 = 300 POSITIONS	
F	V20006	DRW	2002-01-07	dr	XXX*051	FCI		dwg no sheet 1 of 4 size	
G	V20692	DRW	2002-04-09	engr		84500		A4	
H	V03-0680	DAI	2003-06-19	chr		CUSTOMER Drawing			
J	V04-0940	VS	2001-10-18	appd					
sheet index	revision sheet	L	L	L	L				
		1	2	3	4				

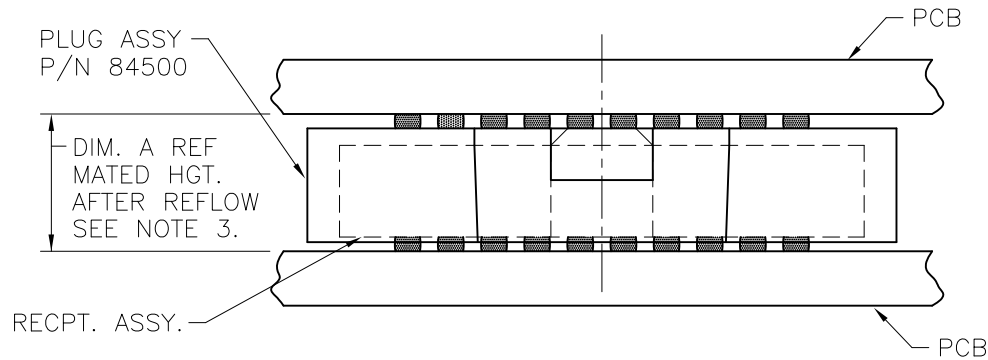
PRODUCT NUMBER
SEE TABLE



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

mat'l. code		surface		tolerance		projection		product family	
SEE NOTE 1		ASME Y14.5		ASME Y14.5		[Symbol]		MEG-ARRAY	
ltr	ecn no	dr	date	tolerances unless otherwise specified		MM		title	
L				angles	in deg	X*3	scale 2:1	0mm PLUG ASSEMBLY 10 X 30 = 300 POSITIONS	
				0° ±2'		XX*13			
						XXX*051			
		dr	D. WAUGHEN					dwg no	
		enr	D. HARPER					sheet 2 of 4	
		chr	D. HARPER					size	
		appd	D. HARPER					A4	
sheet index		revision sheet				FCI		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		surface		tolerance		projection		product family		
SEE NOTE 1		ASME Y14.5		ASME Y14.5				MEG-ARRAY		
ltr	ecn no	dr	date	tolerances unless otherwise specified				title		
				angles	$\times 3$ $.XX \pm .13$	MM		0mm PLUG ASSEMBLY		
				0° ±2'	XXX±.051	scale 2:1		10 X 30 = 300 POSITION		
		dr	D. WAUGHEN	1998-12-16			dwg no		sheet 3 of 4	size
		engr	D. HARPER	1998-12-16			84500		A4	
		chr	D. HARPER	1998-12-16			type		CUSTOMER Drawing	
		appd	D. HARPER	1998-12-16						
sheet index	revision sheet									

PRODUCT NUMBER	PICK-UP CAP	CONTACT PLATING	SOLDER BALL	NOTES
84500-002	YES	15µ" (.38µm) Au OVER Ni	SnPb	
84500-002LF			SnAgCu LEAD FREE	7 AND 8
84500-102	YES	30µ" (.76µm) Au OVER Ni	SnPb	
84500-102LF			SnAgCu LEAD FREE	7 AND 8
84500-202	YES	SEE MATED HEIGHT TABLE (SHEET 3)	SnPb	
84500-202LF			SnAgCu LEAD FREE	7 AND 8
84500-A02	YES	30µ" (.76µm) Au OVER Ni NOTE 9	SnPb	
84500-A02LF			SnAgCu LEAD FREE	7 AND 8

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 PART NOS. MEETS THE REQUIREMENTS OF NORTEL NPS25298-2 (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-22-008 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.

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