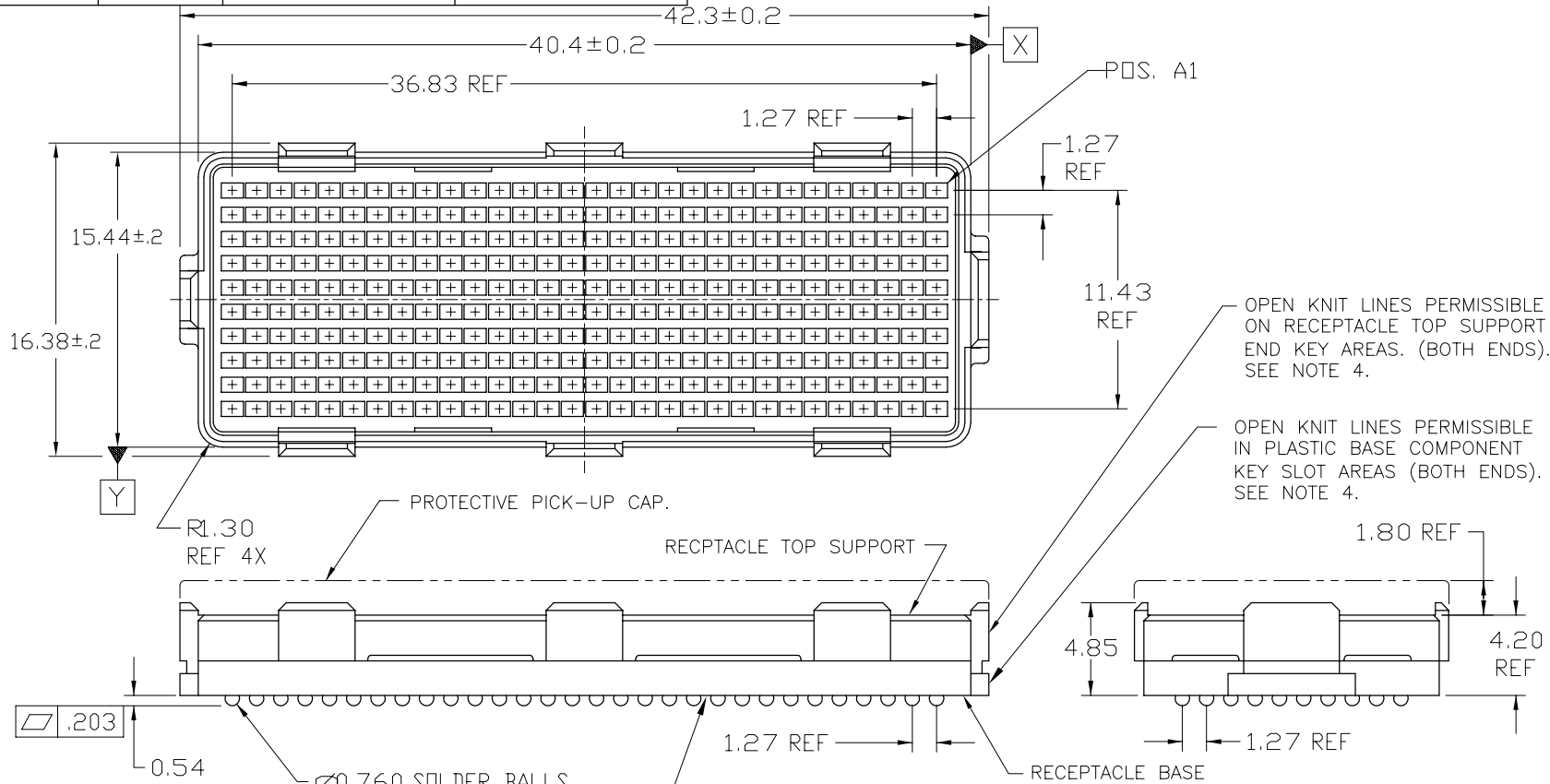


PRODUCT NUMBER	PICK-UP CAP	CONTACT PLATING	SOLDER BALL
84502-001	YES	15u" (.38um) Au OVER Ni	SnPb
84502-001LF			SnAgCu LEAD FREE ⑤⑥
84502-101	YES	30u" (.76um) Au OVER Ni	SnPb
84502-101LF			SnAgCu LEAD FREE ⑤⑥
84502-201	YES	SEE NOTE ⑦ & ⑧	SnPb
84502-201LF			SnAgCu LEAD FREE ⑤⑥



\square .203

0.54 REF

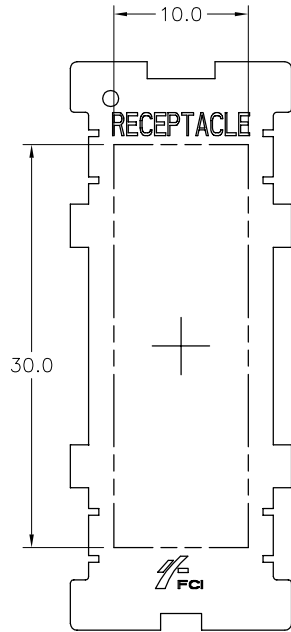
Ø.760 SOLDER BALLS
NOTE 2

⊕ Ø.30 X Y

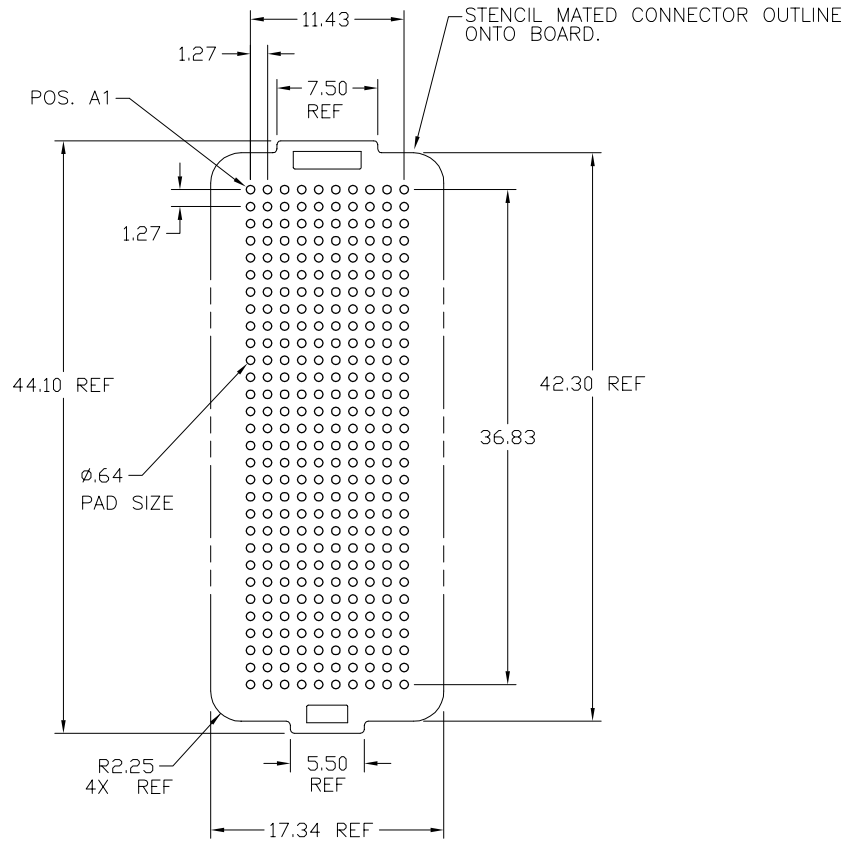
CONTINUOUS OPEN KNOT LINE CRACKS (TRAVERSING THE ENTIRE BODY LENGTH OF THE CONNECTOR) WHICH CAUSE CRITICAL-TO-FUNCTION DIMENSIONAL CHANGES THAT AFFECT THE CONNECTORS MECHANICAL ALIGNMENT FEATURES ARE NOT PERMISSIBLE. SEE NOTE 4.

mat'l. code	SEE NOTE 1.	surface	ASME Y14.5 ✓	tolerance	ASME Y14.5	projection	product family
litr	ec'n no	dr	date	tolerances unless otherwise specified		MM	MEG-ARRAY
H	V06-0560	LP	2006/07/13	angles	X+3	scale 3:1	title 5.5mm RECPT. ASSY. 10 X 30 = 300 POS.
J	V06-1173	LP	2006/12/11	flat	.XX+.13		
-	-	-	-	0° ±2'	XXX+.051		
D	V00181	HLJ	08.16.00	dr	D.WAUGHEN	2.23.99	dwg no
E	V20692	DRW	4.2.02	engr	D.HARPER	2.23.99	sheet 1 of 4
F	V03-0680	DAI	6.19.03	chr	D.HARPER	2.23.99	size
G	V04-0940	VS	10/18/04	appd	D.HARPER	2.23.99	A4
sheet index	revision sheet	J	J	J	J		type
		1	2	3	4		CUSTOMER Drawing



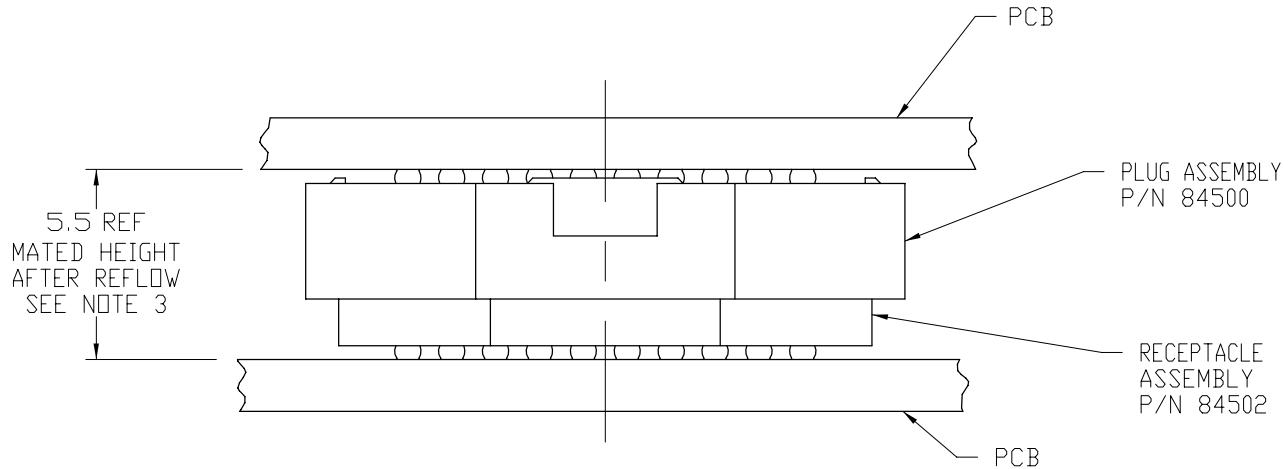


FLAT AREA FOR PICK UP CAP



BOARD PATTERN

mat'l. code SEE NOTE 1.		surface ASME Y14.5 ✓		tolerance ASME Y14.5		projection ⊕		product family MEG-ARRAY		
ltr	ec'n no	dr	date	tolerances unless otherwise specified		MM ← →		title 5.5mm RECPT. ASSY. 10 X 30 = 300 POS.		
J				angles	line fit	scale 2:1		dwg no 84502		
				0° ±2'	XXX+051	FCJ		sheet 2 of 4 size A4		
				dr	D.WAUGHEN	2.23.99			type CUSTOMER Drawing	
				enr	D.HARPER	2.23.99				
				chr	D.HARPER	2.23.99				
				appd	D.HARPER	2.23.99				
sheet index	revision sheet									



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

NOTES:

①. MAT'L

HOUSING: LCP
CONTACT: COPPER ALLOY

PLATING

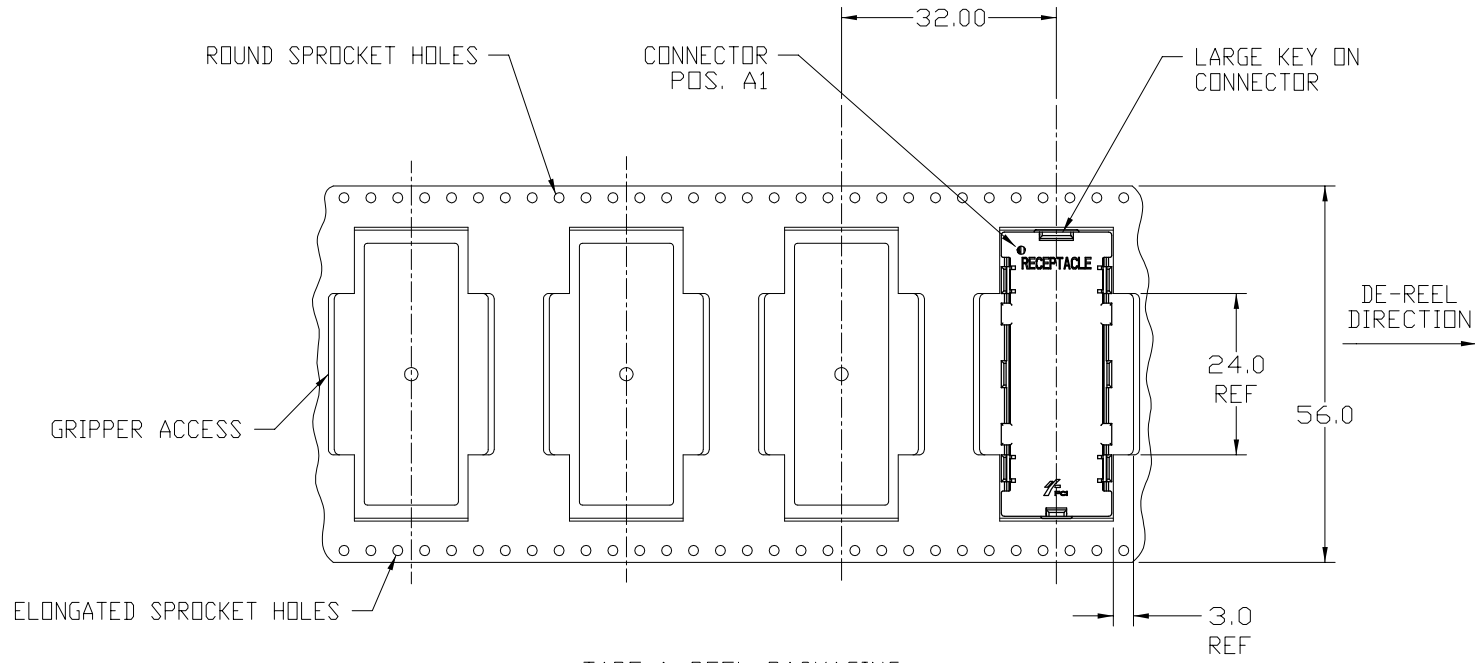
CONTACT: (SEE TABLE ON SHEET1)
SOLDER BALL: (SEE TABLE ON SHEET1)
EUTECTIC SnPb OR LEAD FREE
95.5Sn/4Ag/0.5Cu

- 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. 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.

⑤. 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

- ⑥. 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
- ⑦. PLATING FOR INDICATED -2XX SERIES PART NOS. MEETS THE REQUIREMENTS OF NORTEL NPS25298-2 (CENTRAL OFFICE ENVIRONMENT, 25 YEAR LIFE EXPECTANCY).
- ⑧. 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.

mat'l. code SEE NOTE 1.		surface ASME Y14.5 ✓	tolerance ASME Y14.5	projection 	product family MEG-ARRAY
ltr	ecr no	dr	date	tolerances unless otherwise specified	title 5.5mm RECPT. ASSY. 10 X 30 = 300 POS.
J				angles X*3 XX*13	MM
				0° ±2'	scale 5:1
		dr	D.WAUGHEN	2.23.99	FCI
		enr	D.HARPER	2.23.99	
		chr	D.HARPER	2.23.99	
		appd	D.HARPER	2.23.99	
sheet index	revision sheet	1			dwg no 84502
					sheet 3 of 4
					size A4
					type CUSTOMER Drawing



TAPE & REEL PACKAGING
 PER EIA 481-3
 SCALE 1:1

mat'l. code SEE NOTE 1.		surface ASME Y14.5 ✓		tolerance ASME Y14.5		projection 		product family MEG-ARRAY			
ltr	ecr no	dr	date	tolerances unless otherwise specified							
J				angles	X*.3		MM		title 5.5mm RECPT. ASSY. 10 X 30 = 300 POS.		
				0° ±2'	.XX*.13		scale 1:1				
					XXX*.051						
		dr	D.WAUGHEN	3.11.99					dwg no	sheet 4 of 4	size
		enr	D.HARPER	3.11.99					84502	A4	
		chr	D.HARPER	3.11.99					type	CUSTOMER Drawing	
		appd	D.HARPER	3.11.99							
sheet index	revision sheet	1									