

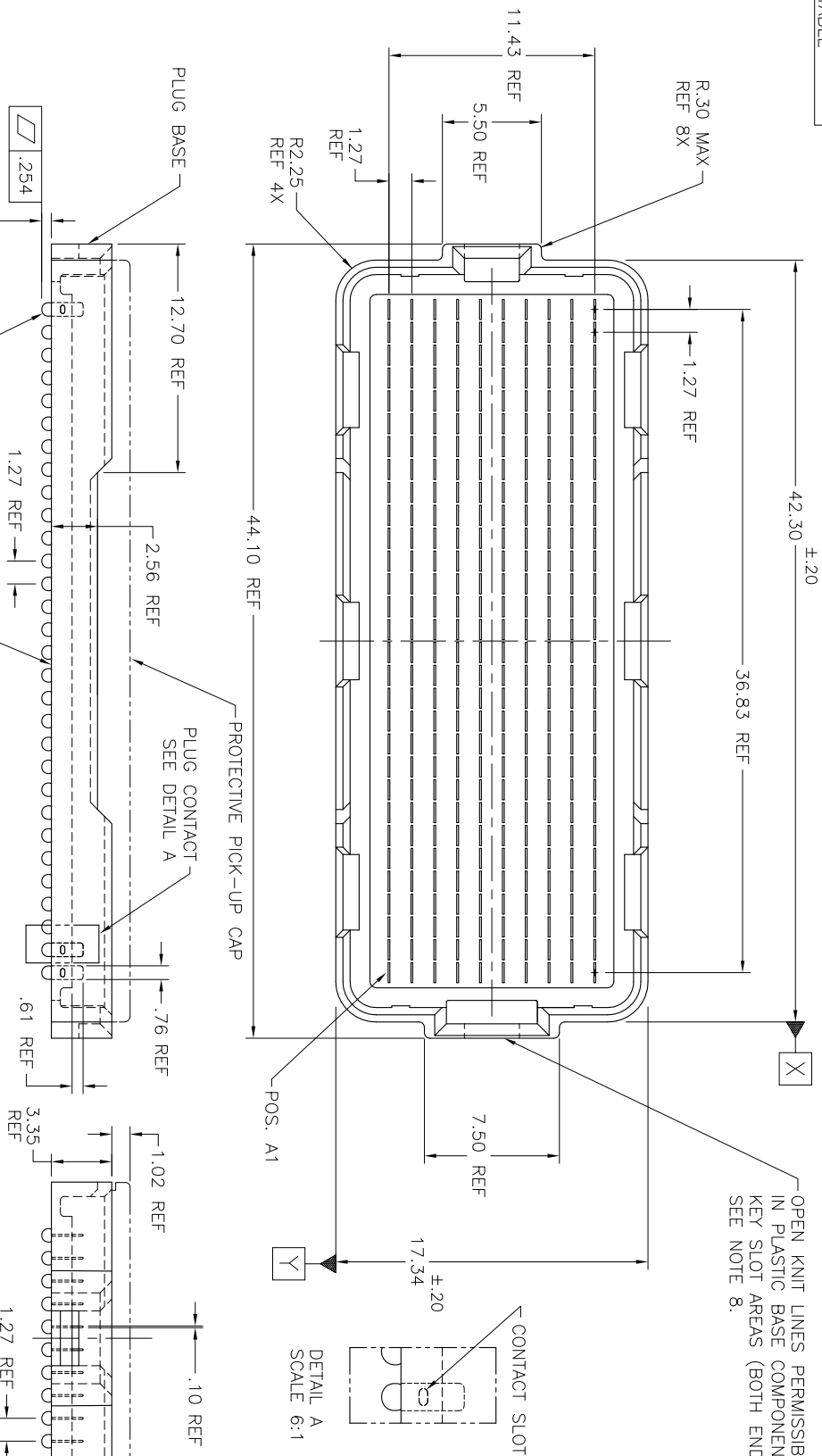
PRODUCT NUMBER
SEE TABLE

1 2

3

4

OPEN KNT LINES PERMISSIBLE
IN PLASTIC BASE COMPONENT
KEY SLOT AREAS (BOTH ENDS).
SEE NOTE 8.



CONTINUOUS OPEN KNT 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 6.

mat'l code		surface		tolerance		projection		product family	
lfr	ecm no.	dr	date	ASME Y14.5	ASME Y14.5	ASME Y14.5	ASME Y14.5	title	sheet no
A	V05-0324	DAI	2005/04/19	tolerances unless otherwise specified	XX+3	MM	MM	0mm PLUG ASSY	10043343
B	V06-0560	LP	2006/07/18		XX+13			10 X 30 = 300 POS.	10043343
C	V08-0084	LP	2006/05/07	0" ±.2"	XXX+051	Scale 3:1			
D	V-13789	DCH	2012/1/23	DJINGRAM	7/21/04				
				DJHARPER	7/21/04				
				DJHARPER	7/21/04				
				DJHARPER	7/21/04				
Sheet	revision	D	D	D	D				
index	Sheet	1	2	3					



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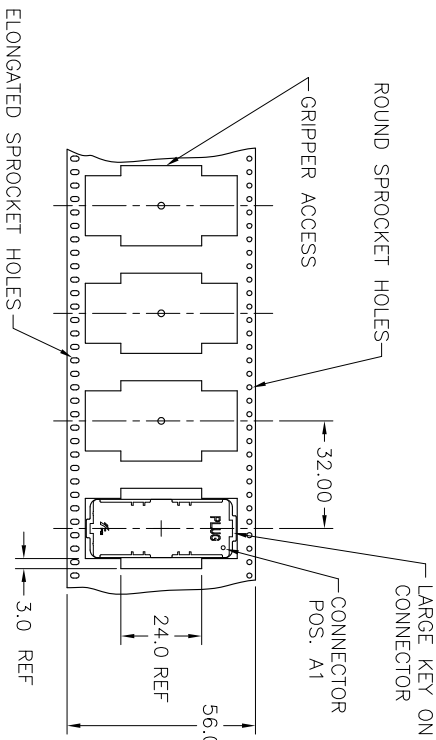
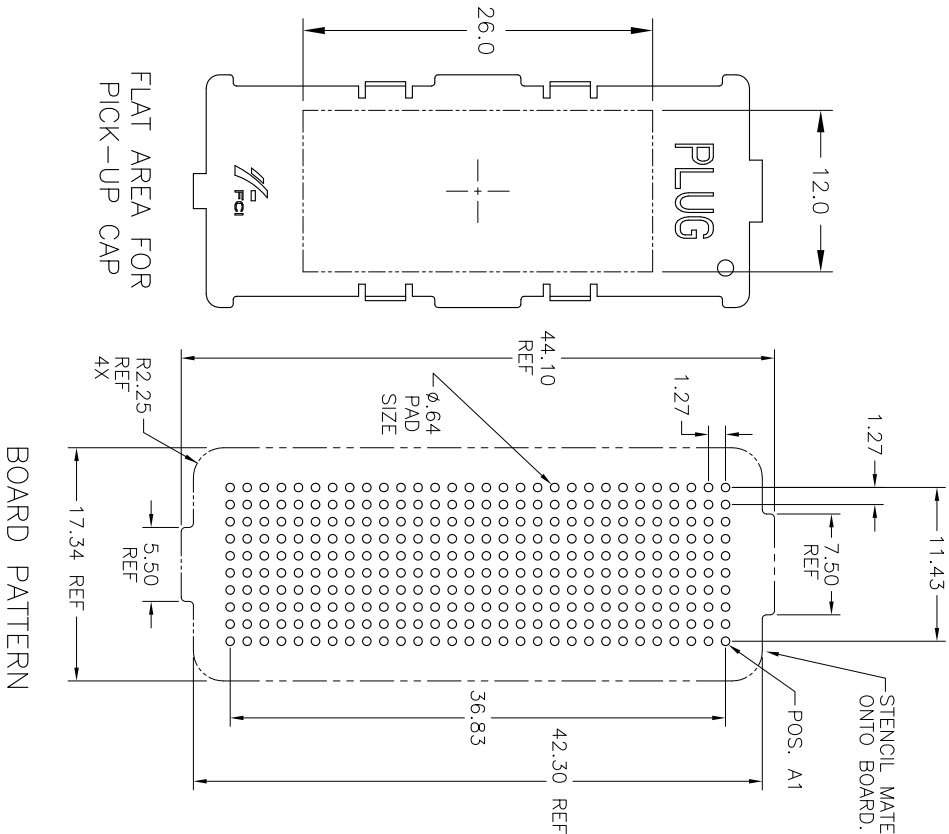


3



4

PRODUCT NUMBER
SEE TABLE



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

CONFIDENTIAL

mat'l. code			surface		tolerance		projection		product family		
SEE NOTE 1.			ASME Y14.5		✓ ASME Y14.5				MEG-ARRAY		
lfr	ecp no	dr	date		tolerances unless otherwise specified				title		
D			angles		X ± 3		MM		0mm PLUG ASSY		
					XX ± B		↔		10 X 30 = 300 POS.		
			0° ± 2°		XXX ± 051		scale 2:1		dwg no		
			D.F.		D.INGRAM				sheet 2 of		
			ENGR		D.HARPER				size		
			CHN		D.HARPER				10043343 A4		
			APPD		D.HARPER				CUSTOMER Drawing		
Sheet	revision										
index	sheet										

form: A4mmXLC

1

2

3

4

PRODUCT NUMBER	PICK-UP CAP	CONTACT PLATING	SOLDER BALL
10043343-102			SnPb
10043343-102LF	YES	30u"(0.76um) Au OVER Ni	SnAgCu LEAD FREE ⑥⑦
10043343-192			SnPb
10043343-192LF	YES	30u"(0.76um) GXT OVER Ni	SnAgCu LEAD FREE ⑥⑦
10043343-202			SnPb
10043343-202LF	YES	50u"(1.27um) Au SPECIAL	SnAgCu LEAD FREE ⑥⑦
10043343-292			SnPb
10043343-292LF	YES	50u"(1.27um) GXT SPECIAL	SnAgCu LEAD FREE ⑥⑦

NOTES:

- ① MAT'L:
HOUSING: LCP
CONTACT: COPPER ALLOY

PLATING:

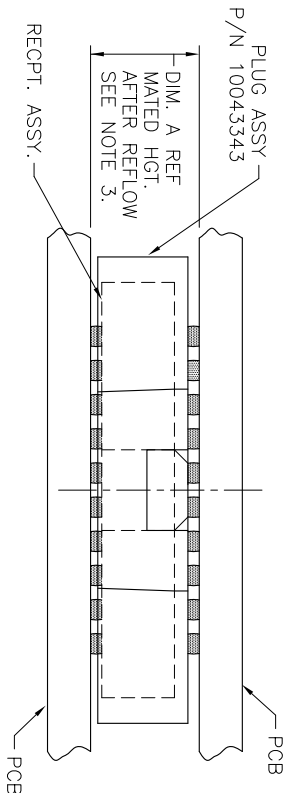
CONTACT: (SEE TABLE ON SHEET3)
SOLDER BALL: (SEE TABLE ON SHEET3)
EUTECTIC SnPb OR LEAD FREE
95.5Sn/4Ag/0.5Cu

- 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 CENTRAL OFFICE ENVIRONMENT (25 YEAR LIFE EXPECTANCY).
- ⑤ PLATING FOR INDICATED -2XX SERIES PART NOS. IS Au OR GXT OVER Ni WITH SPECIAL CONTACT GEOMETRY TO MEET REQUIREMENTS OF TELCORDIA GR-1217-CORE: CENTRAL OFFICE ENVIRONMENT.

- ⑥ 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

- ⑦ 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

- ⑧ KNT LINE: SLIGHT VISIBLE MARKS (USUALLY A LINE) THE DIRECTION AND MEETING POINT OF THE PLASTIC RESIN FLOW FRONTS TRAVELING AROUND ANY OBSTRUCTIONS TO THE RESIN FLOW VIA THE REQUIRED MOLD TOOLING.



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 Ø .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	
lit	ecr no	dr	date	ASME Y14.5	ASME Y14.5			MEG-ARRAY	
SEE NOTE 1.				tolerances unless otherwise specified		MM		title	
D				angles	X+3			0mm PLUG ASSY	
				Ø ±.2	XXX+051			10 X 30 = 300 POS.	
				dr	D:INGRAM	7/21/04		dwg no	
				engr	D:HARPER	7/21/04		sheet 3 of	
				chn	D:HARPER	7/21/04		10043343	
				apprd	D:HARPER	7/21/04		CUSTOMER Drawing	
sheet index	revision	sheet						size	
								A4	

Mouser Electronics

Authorized Distributor

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[FCI / Amphenol:](#)

[10043343-292](#) [10043343-292LF](#)