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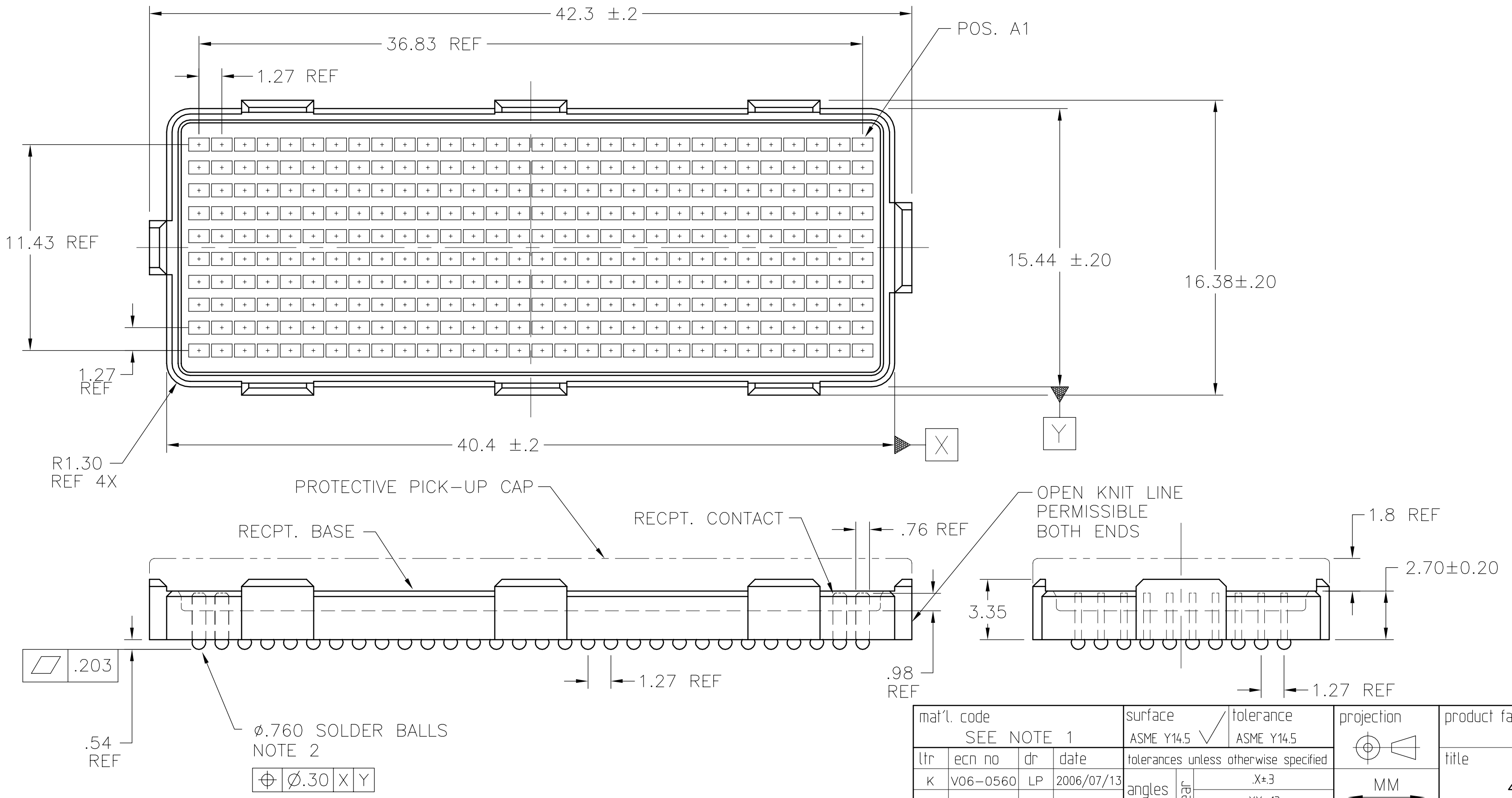
PRODUCT NUMBER	PICK-UP CAP	CONTACT PLATING	SOLDER BALL
84501-001	YES	15u" (.38um) Au OVER Ni	SnPb
84501-001LF			SnAgCu LEAD FREE ⑤⑥
84501-101	YES	30u" (.76um) Au OVER Ni	SnPb
84501-101LF			SnAgCu LEAD FREE ⑤⑥
84501-201	YES	SEE NOTE 4.	SnPb
84501-201LF			SnAgCu LEAD FREE ⑤⑥

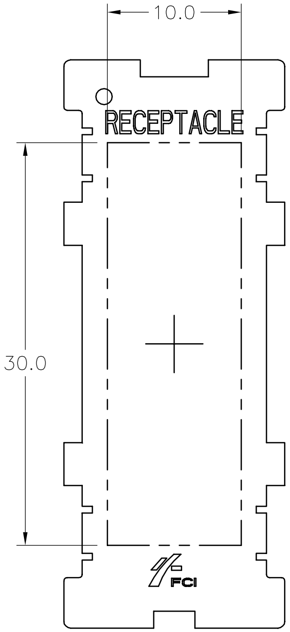


mat'l. code SEE NOTE 1				surface ASME Y14.5 ✓	tolerance ASME Y14.5	projection	product family MEG-ARRAY
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
K	V06-0560	LP	2006/07/13	angles	linear .X±.3 .XX±.13	MM	4mm RECPT. ASSY. 10 X 30 = 300 POS.
–	–	–	–				
E	V20006	DRW	1/24/00	0° ±2°	.XXX±.051	scale 3:1	
F	V20949	DAI	08/12/02	dr D.WAUGHEN	12.18.98	FCI	dwg no 84501 sheet 1 of 3 size A4
G	V03-0680	DAI	06/19/03	engr D.HARPER	12.18.98		
H	V04-0940	VS	10/18/04	chr D.HARPER	12.18.98		
J	V05-1071	DAI	12/21/05	appd D.HARPER	12.18.98		type CUSTOMER Drawing

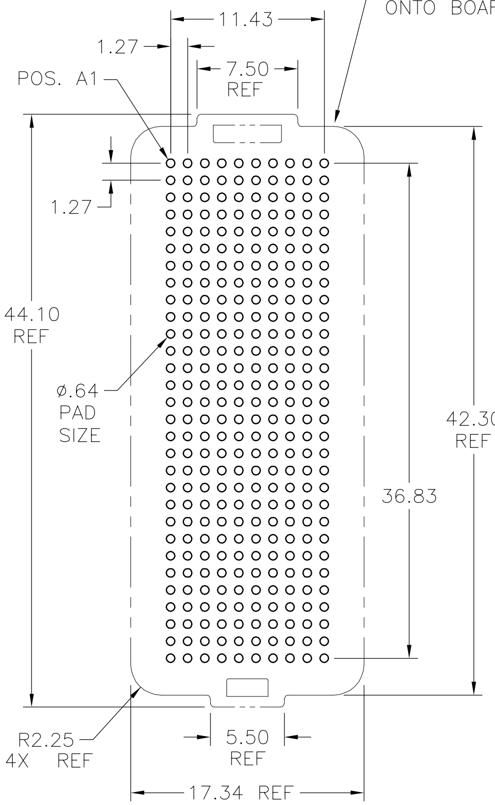
sheet index	revision	K	K	K
	sheet	1	2	3

form: A4mmXLc

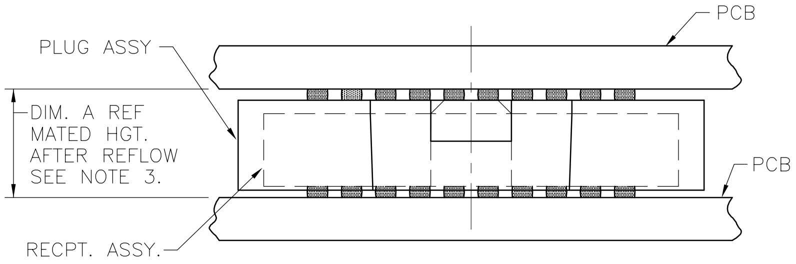
PDM: Rev:K STATUS: Released Printed: Jul 31, 2006



FLAT AREA FOR PICK-UP CAP



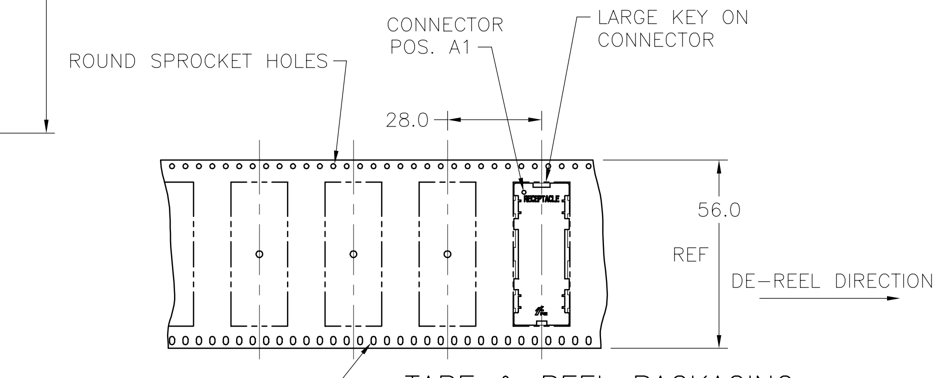
BOARD PATTERN



MATED HEIGHT TABLE		
DIM. A	PLUG ASSY. P/N	RECPT. ASSY. P/N
4.0	84500	84501
10.0	84578	84501

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



TAPE & REEL PACKAGING
PER EIA 481-3
SCALE NONE

mat'l. code SEE NOTE 1.	surface ASME Y14.5 √	tolerance ASME Y14.5	projection
ltr | ecn no | dr | date K	tolerances unless otherwise specified angles 0° ±2° linear .X±.3 .XX±.13 .XXX±.051	MM scale 2:1	product family MEG-ARRAY title 4mm RECPT. ASSY. 10 X 30 = 300 POS.
	dr D.WAUGHEN 12.16.98 engr D.HARPER 12.16.98 chr D.HARPER 12.16.98 appd D.HARPER 12.16.98	FCI	dwg no 84501 sheet 2 of 3 size A4 type CUSTOMER Drawing
sheet index | revision sheet			

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

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 THERFORE 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

mat'l. code: SEE NOTE 1.

ltr	ecn no	dr	date
K			

surface: ASME Y14.5 √
tolerance: ASME Y14.5
tolerances unless otherwise specified
angles: 0° ±2°
linear: .X±.3 / .XX±.13 / .XXX±.051
projection
MM
scale 2:1

dr	D.WAUGHEN	12.16.98
engr	D.HARPER	12.16.98
chr	D.HARPER	12.16.98
appd	D.HARPER	12.16.98

product family: MEG-ARRAY
title: 4mm RECPT. ASSY.
10 X 30 = 300 POS.
dwg no: 84501
sheet 3 of 3
size: A4
type: CUSTOMER Drawing

sheet index | revision | sheet