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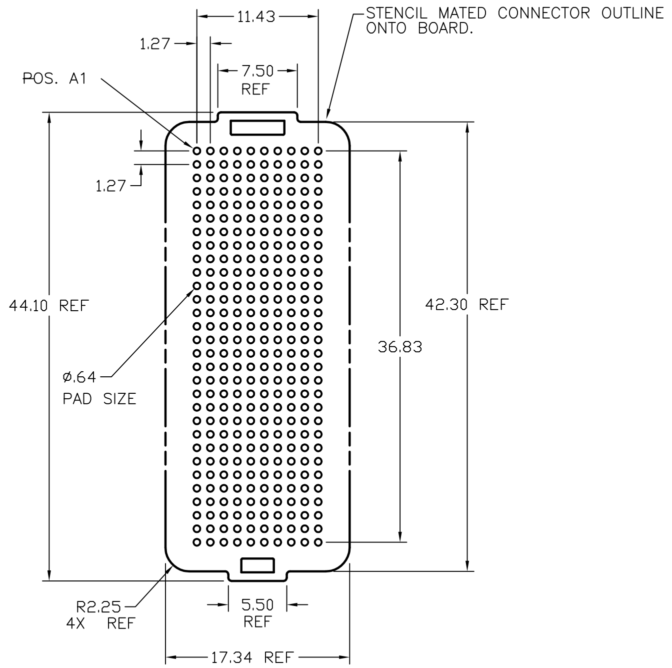
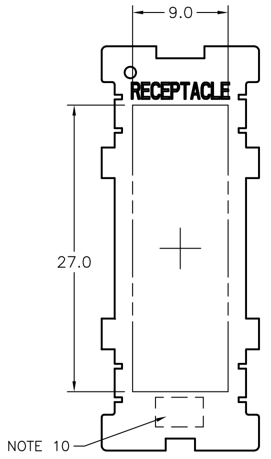
PRODUCT NUMBER	PICK-UP CAP (NATURAL OR BLACK COLOR)	CONTACT PLATING AND THICKNESS	SOLDER BALL	NOTES
84502-001	YES	15μ" (0.38μm) Au	SnPb	
84502-001LF	YES	15μ" (0.38μm) Au	LEAD FREE	5
84502-091	YES	15μ" (0.38μm) GXT	SnPb	
84502-091LF	YES	15μ" (0.38μm) GXT	LEAD FREE	5
84502-091BF	WITH VENT HOLES	15μ" (0.38μm) GXT	SnPb	
84502-091BLF	WITH VENT HOLES	15μ" (0.38μm) GXT	LEAD FREE	5
84502-101	YES	30μ" (0.76μm) Au	SnPb	
84502-101LF	YES	30μ" (0.76μm) Au	LEAD FREE	5
84502-191	YES	30μ" (0.76μm) GXT	SnPb	
84502-191LF	YES	30μ" (0.76μm) GXT	LEAD FREE	5
84502-201	YES	50μ" (1.27μm) Au SPECIAL	SnPb	6
84502-201LF	YES	50μ" (1.27μm) Au SPECIAL	LEAD FREE	5,6
84502-291	YES	50μ" (1.27μm) GXT SPECIAL	SnPb	6
84502-291LF	YES	50μ" (1.27μm) GXT SPECIAL	LEAD FREE	5,6
84502-A01	YES	30μ" (0.76μm)	SnPb	7
84502-A01LF	YES	30μ" (0.76μm)	LEAD FREE	5,7



BOARD PATTERN



FLAT AREA FOR PICK UP CAP

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 5.5mm RECEPTACLE ASSEMBLY 10 X 30 = 300 POSITIONS
P				angles	linear .X±.3	MM	
					linear .XX±.13		
				0° ±2°	linear .XXX±.051	scale 2:1	
				dr	D. WAUGHEN	1999-02-23	dwg no 84502 sheet 2 of 4 size A4
				engr	D. HARPER	1999-02-23	
				chr	D. HARPER	1999-02-23	
				appd	D. HARPER	1999-02-23	type CUSTOMER Drawing
sheet index	revision sheet						

form: A4mmXLc

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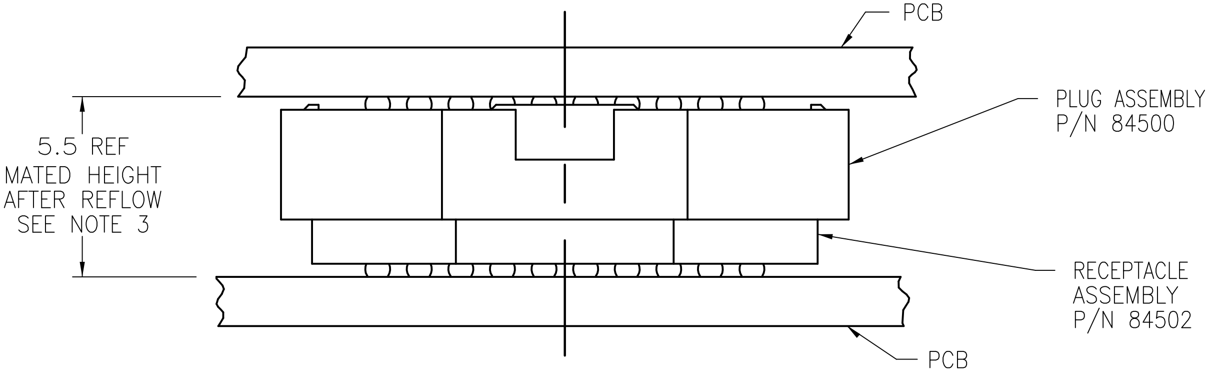
PRODUCT NUMBER
SEE TABLE-SHEET 2



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

NOTES:

① MATERIAL:
HOUSING: LCP
CONTACT: COPPER ALLOY

PLATING:
CONTACT: (SEE TABLE ON SHEET 2)
SOLDER BALL: (SEE TABLE ON SHEET 2)
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 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-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.

⑦ PLATING FOR INDICATED -2XX SERIES PRODUCT NUMBERS MEET THE REQUIREMENTS OF GR-1217-CORE, CENTRAL OFFICE ENVIRONMENT, (25 YEAR LIFE EXPECTANCY). AND INCLUDES SPECIAL CONTACT GEOMETRY.

⑧ 84502-A01 AND -A01LF ARE CUSTOMER SPECIALS.

⑨ CURRENT COMPANY LOGO TO BE VISIBLE IN APPROXIMATE AREA SHOWN.

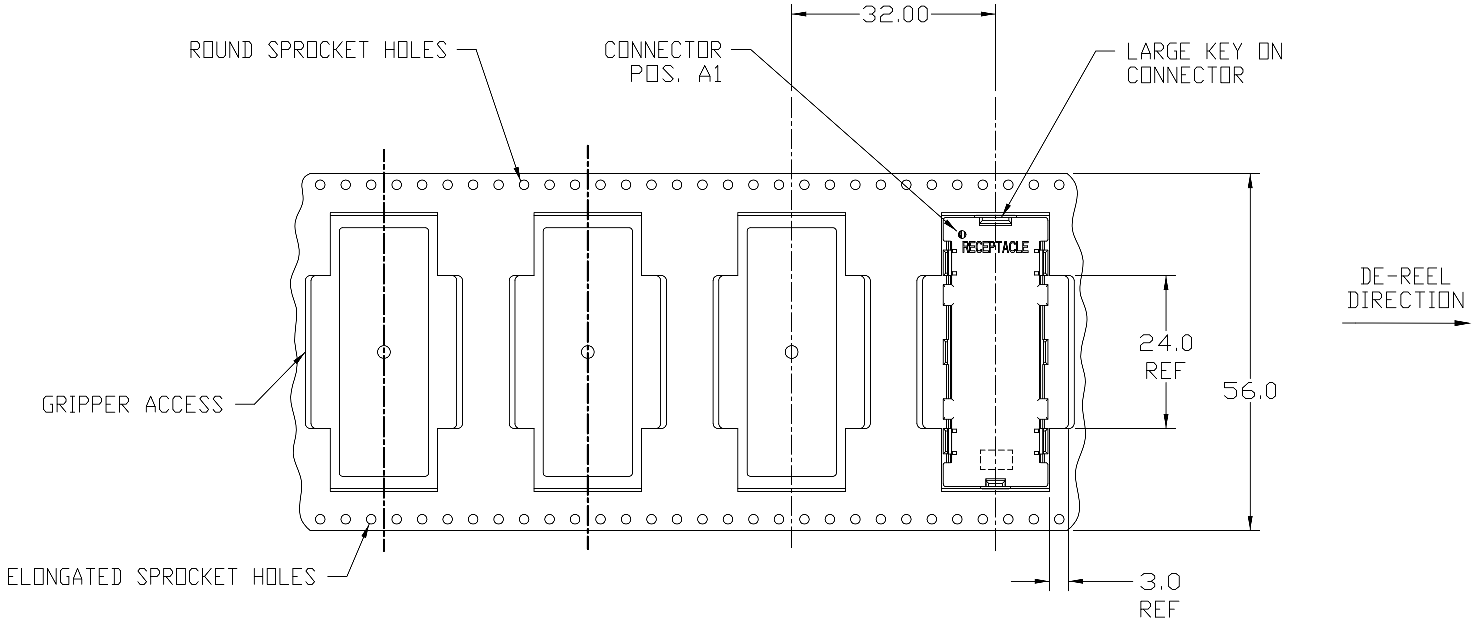
10. A △L SYMBOL WILL BE NEXT TO ANY DIMENSION, NEW VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION

mat'l. code SEE NOTE 1	surface ASME Y14.5	tolerance ASME Y14.5	projection	product family MEG-ARRAY	
ltr | ecn no | dr | date	tolerances unless otherwise specified			title 5.5mm RECEPTACLE ASSEMBLY 10 X 30 = 300 POSITIONS	
P	angles 0° ±2°	linear .X±.3 .XX±.13 .XXX±.051	MM scale 5:1		
	dr D. WAUGHEN	1999-02-23		dwg no 84502	sheet 3 of 4 size A4
	engr D. HARPER	1999-02-23			
	chr D. HARPER	1999-02-23			
	appd D. HARPER	1999-02-23		type CUSTOMER Drawing	
sheet index | revision sheet					

form: A4mmXLc

FCIconnect.com

PRODUCT NUMBER
SEE TABLE–SHEET 2



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
ltr	ecn no	dr	date	tolerances unless otherwise specified		
P				angles 0° ±2°	linear .X±.3 .XX±.13 .XXX±.051	MM scale 1:1
				dr	D. WAUGHEN	1999-03-11
				engr	D. HARPER	1999-03-11
				chr	D. HARPER	1999-03-11
				appd	D. HARPER	1999-03-11
sheet index	revision sheet					

product family MEG–ARRAY

title 5.5mm RECEPTACLE ASSEMBLY
10 X 30 = 300 POSITIONS

dwg no 84502 sheet 4 of 4 size A4

type CUSTOMER Drawing

form: A4mmXLc