

PRODUCT No.	PICK-UP CAP (NATURAL OR BLACK COLOR)	CONTACT PLATING AND THICKNESS	SOLDER BALL	NOTES
84512-002	YES	15u" (.38um) Au	SnPb	
84512-002LF	YES	15u" (.38um) Au	LEAD FREE	5
84512-092	YES	15u" (.38um) GXT	SnPb	
84512-092LF	YES	15u" (.38um) GXT	LEAD FREE	5
84512-102	YES	30u" (.76um) Au	SnPb	
84512-102LF	YES	30u" (.76um) Au	LEAD FREE	5
84512-192	YES	30u" (.76um) GXT	SnPb	
84512-192LF	YES	30u" (.76um) GXT	LEAD FREE	5
84512-202	YES	Au SPECIAL	SnPb	3
84512-202LF	YES	Au SPECIAL	LEAD FREE	3 AND 5
84512-292	YES	GXT SPECIAL	SnPb	3
84512-292LF	YES	GXT SPECIAL	LEAD FREE	3 AND 5
84512-302	YES	15u" (.38um) Au SPECIAL	SnPb	6
84512-302LF	YES	15u" (.38um) Au SPECIAL	LEAD FREE	5 AND 6
84512-402	YES	30u" (.76um) Au SPECIAL	SnPb	6
84512-402LF	YES	30u" (.76um) Au SPECIAL	LEAD FREE	5 AND 6
84512-502	YES	Au SPECIAL	SnPb	3 AND 6
84512-502LF	YES	Au SPECIAL	LEAD FREE	3, 5 AND 6

Mat'l. code	Surface	Tolerance	Projection	Product family
litr	ecm no.	dr	date	ASPC Y4.5
H	V12-0030	RE	2012-08-06	ASPC Y4.5
J	V12-0035	PK	2012-09-27	ASPC Y4.5
K	V12-0043	DCH	2012-11-15	ASPC Y4.5
-	-	-	-	ASPC Y4.5
E	V04-0940	VS	2004-10-18	ASPC Y4.5
F	V06-0560	LP	2006-07-14	ASPC Y4.5
G	V07-0663	LP	2007-10-29	ASPC Y4.5
Sheet	revision	K	K	K
Index	Sheet	1	2	3



10mm PLUG ASSY.
10 X 10 = 100 POSITION
84512
Sheet 1 of 3
size A4

CUSTOMER Drawing

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. OVERALL BOARD-TO-BOARD STACK
HEIGHT WHEN MATED TO P/N 84513
100 POSITION 4.0mm RECP. IS 4.0mm REF.

3. PLATING FOR -2XX SERIES PRODUCT NUMBERS MEET THE REQUIREMENTS OF CENTRAL OFFICE ENVIRONMENT, 25 YEAR LIFE EXPECTANCY. THE CONTACT GEOMETRY IN THESE PRODUCT NUMBERS IS SPECIAL, ALSO

4. 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

5. 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

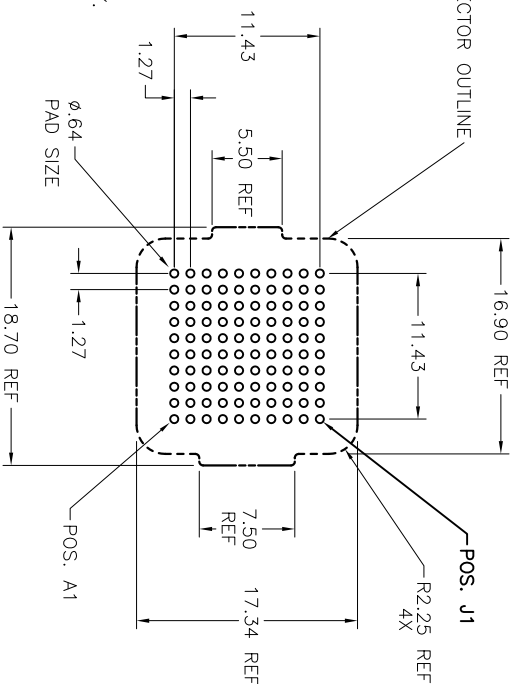
- ⑥. 84512-302, -302LF, -402, -402LF, -502 AND -502LF ARE OBSOLETE

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




ONTO BOARD.
STENCIL MATE

POS. J1

R2.25 REF
4X



BOARD PATTERN

mat'l. code		surface		tolerance		projection		product family			
-		ASME Y4.5		ASME Y4.5				MEG-Array			
Tht		ecrn no		date				title			
K						MM		Omm PLUG ASSY.			
		angles		linear				10 X 10 = 100 POSITION			
				X ±.3		scale 1:1					
				XX ±.0							
				XXX ±.050							
		dr		D.WAUCHEN				dwg no			
				B.SPINK				sheet 2 of 3			
		engr		B.SPINK				size			
		ctr		B.SPINK				A4			
		appd		B.SPINK							
				2000-03-08							
				2000-03-08							
sheet		revision						type			
index		sheet						CUSTOMER Drawing			



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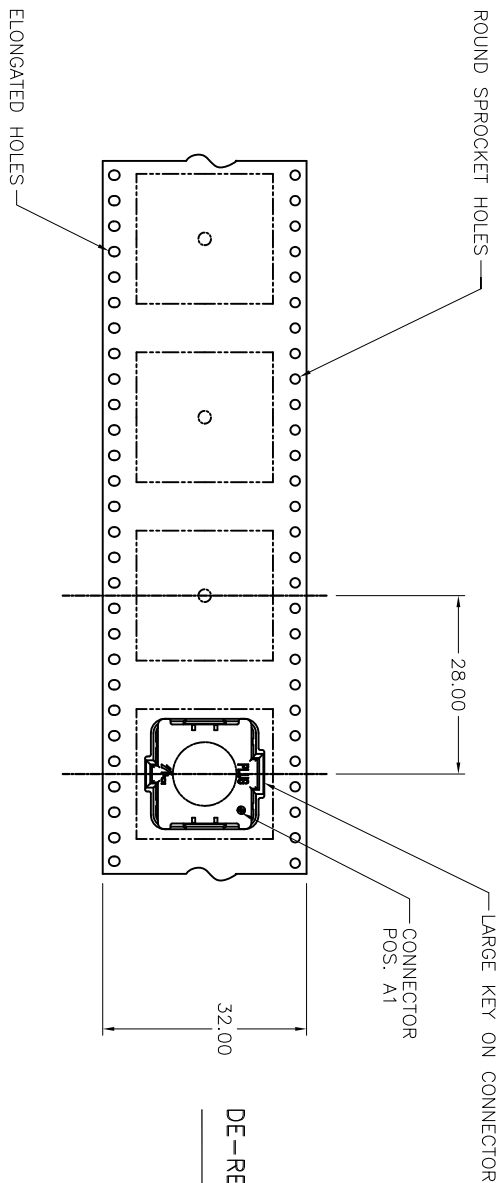


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4



mat'l. code				surface		tolerance		projection		product family	
litr	ecn no	dr	date	ASME Y14.5	ASME Y14.5	ASME Y14.5	ASME Y14.5	ASME Y14.5	ASME Y14.5	MEG-Array	title
				tolerances unless otherwise specified							
K				angles	XX ±.01	XX ±.01	XX ±.01	XX ±.01	XX ±.01	XX ±.01	0mm PLUG ASSY.
				dr	D.WAUGHEN	2000-03-08	2000-03-08	2000-03-08	2000-03-08	2000-03-08	10 X 10 = 100 POSITION
				engr	B.SPINK	2000-03-08	2000-03-08	2000-03-08	2000-03-08	2000-03-08	sheet 3 of 3
				cltr	B.SPINK	2000-03-08	2000-03-08	2000-03-08	2000-03-08	2000-03-08	size
				apdd	B.SPINK	2000-03-08	2000-03-08	2000-03-08	2000-03-08	2000-03-08	A4
sheet	revision										CUSTOMER Drawing
index	sheet										

form: ArmmXlc

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2

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