

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 RECPT. 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

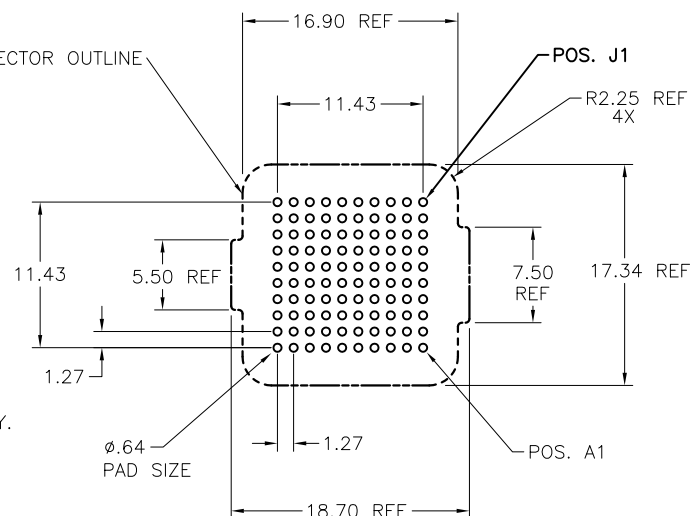
- ④. FOR PROPER APPLICATION FOLLOW FCI APPLICATION
SPECIFICATION GS-20-033 LEAD FREE SOLDER BALLS WILL
NOT SOLDER PROPERLY IN A LEADED SOLDER PROCESS
DUE TO A HIGHER REFLOW TEMPERATURE. LEAD FREE
PRODUCT IS THEREFORE NOT BACKWARDS COMPATIBLE WITH
LEADED OR SOME SOLDERING APPLICATIONS. REFERENCE
FCI APPLICATION 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 MATED CONNECTOR OUTLINE



BOARD PATTERN

mat'l. code				surface	tolerance	projection	product family
-				ASME Y14.5	ASME Y14.5		MEG-Array
ltr	ecr no	dr	date	tolerances unless otherwise specified		MM	title
k				angles	X ±3		Omm PLUG ASSY. 10 X 10 = 100 POSITION
				0° ±2'	.XX ±10 XXX ±050		
				dr	D.VAUGHEN 2000-08-03		dwg no
				engr	B.SPINK 2000-09-08		sheet 2 of 3
				chr	B.SPINK 2000-09-08		size
				appd	B.SPINK 2000-09-08		A4
sheet	revision						type
index	sheet						CUSTOMER Drawing

ROUND SPROCKET HOLES

LARGE KEY ON CONNECTOR

CONNECTOR
POS. A1

ELONGATED HOLES

28.00

32.00

DE-REEL DIRECTION
→

mat'l. code				surface	tolerance	projection	product family
—				ASME Y14.5	ASME Y14.5		MEG-Array
ltr	ecr no	dr	date	tolerances unless otherwise specified		MM →	title
k				angles	X ±3		Omm PLUG ASSY. 10 X 10 = 100 POSITION
				0° ±2°	XX ±10		
					XXX ±050	scale 1:1	dwg no
				dr	D.WAUGHEN 2000-03-08		sheet 3 of 3
				enr	B.SPINK 2000-03-08		size
				chr	B.SPINK 2000-03-08		84512
				appd	B.SPINK 2000-03-08		A4
sheet index	revision sheet						type
							CUSTOMER Drawing

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[84512-002](#) [84512-202](#) [84512-102LF](#) [84512-002LF](#) [84512-202LF](#) [84512-102](#) [84512-192](#) [84512-292](#) [84512-292LF](#)
[84512-092](#) [84512-092LF](#) [84512-192LF](#)