

PRODUCT No.	PICK-UP CAP (NATURAL OR BLACK COLOR)	CONTACT PLATING AND THICKNESS	SOLDER BALL	NOTES
84517-001	YES	15u" (.38um) Au	SnPb	
84517-001LF	YES	15u" (.38um) Au	LEAD FREE	6
84517-091	YES	15u" (.38um) GXT	SnPb	
84517-091LF	YES	15u" (.38um) GXT	LEAD FREE	6
84517-101	YES	30u" (.76um) Au	SnPb	
84517-101LF	YES	30u" (.76um) Au	LEAD FREE	6
84517-191	YES	30u" (.76um) GXT	SnPb	
84517-191LF	YES	30u" (.76um) GXT	LEAD FREE	6
84517-201	YES	SPECIAL, NOTE 4	SnPb	4
84517-201LF	YES	SPECIAL, NOTE 4	LEAD FREE	4, AND 6
84517-291	YES	GXT SPECIAL, NOTE 4	SnPb	4
84517-291LF	YES	GXT SPECIAL, NOTE 4	LEAD FREE	4, AND 6
-84517-301	YES	15u" (.38um) Au SPECIAL	SnPb	
-84517-301LF	YES	15u" (.38um) Au SPECIAL	LEAD FREE	6 AND 7
-84517-401	YES	30u" (.76um) Au SPECIAL	SnPb	
-84517-401LF	YES	30u" (.76um) Au SPECIAL	LEAD FREE	6 AND 7
-84517-501	YES	Au SPECIAL	SnPb	4 AND 7
-84517-501LF	YES	Au SPECIAL	LEAD FREE	4, 6 AND 7

mat'l. code				surface	tolerance	projection	product family
ltr	ecn no	dr	date	ASME Y14.5	ASME Y14.5		title
H	V12-0037	DCH	2012-11-13	tolerances unless otherwise specified	X ±3	MM	4.0mm RECPT. ASSY
-	-	-	-	angles	XX ±10		10 X 20 = 200 POS
C	V03-0680	DAI	2003-06-19	0° ±2°	XXX ±050	scale 1:1	dwg no
D	V04-0940	VS	2004-10-18	dr	D.WAUGHEN	84517	sheet 1 of 3
E	V05-1071	DAI	2005-12-21	engr	B.SPINK	A4	size
F	V06-0560	LP	2006-07-14	chr	B.SPINK		
G	V12-0030	RE	2012-08-06	appd	B.SPINK		
sheet	revision	H	H	H			
index	sheet	1	2	3			

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 HEIGHTS
AVAILABLE USING THIS CONNECTOR (84517):

MATED HEIGHT	WITH PLUG P/N
4mm	84516
10mm	84530

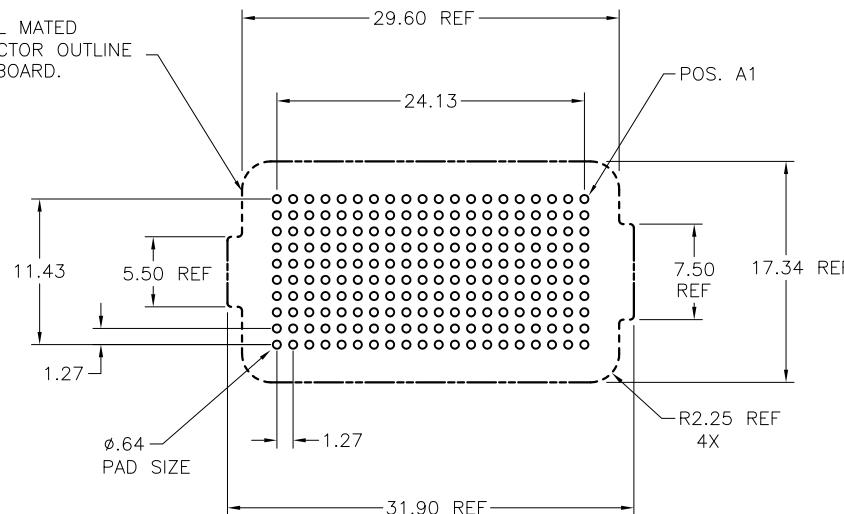
④. PLATING FOR INDICATED -2XX SERIES PRODUCT NUMBERS
MEET THE REQUIREMENTS OF CR-1217-CORE,
CENTRAL OFFICE ENVIRONMENT, 25 YEAR LIFE EXPECTANCY.
THE CONTACTS IN THESE PRODUCT NUMBERS ALSO HAVE
SPECIAL CONTACT GEOMETRY

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 THEREFORE 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

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

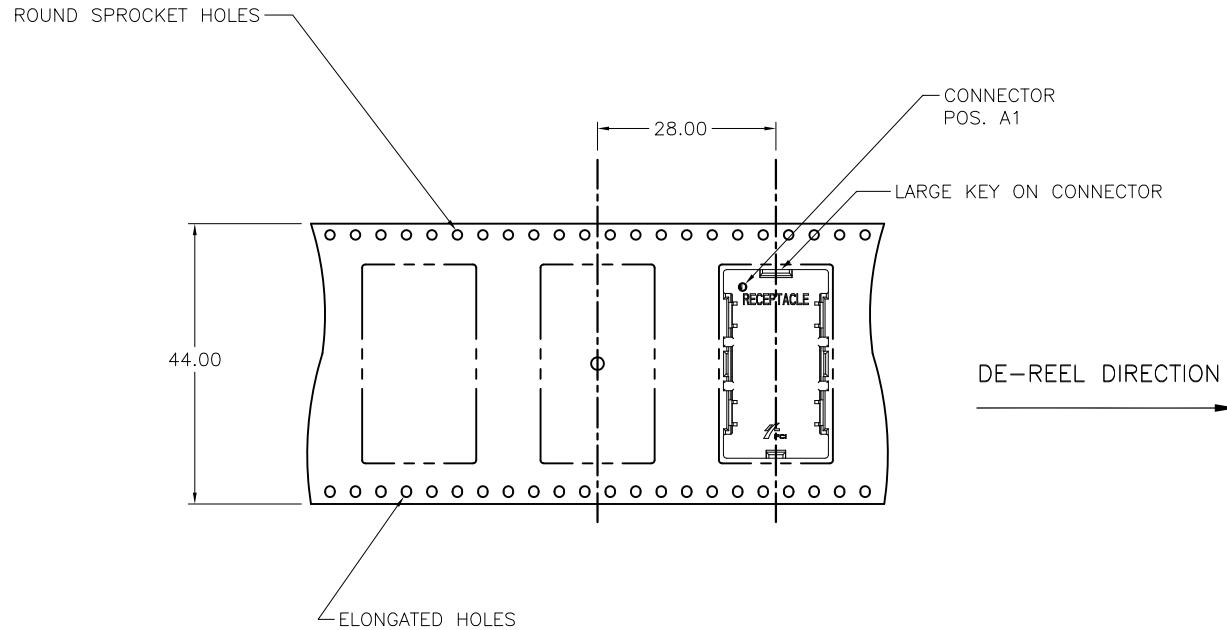
STENCIL MATED
CONNECTOR OUTLINE
ONTO BOARD.



BOARD PATTERN

mat'l. code				surface	tolerance	projection	product family
ltr	ecn no	dr	date	ASME Y14.5	ASME Y14.5		MEG-Array
H				angles	X ±3	MM	
					XX ±10		
				0° ±2°	XXX ±050	scale 1:1	
				dr	D.WAUGHEN 1999-09-09		
				engr	B.SPINK 1999-09-09		
				chr	B.SPINK 1999-09-09		
				appd	B.SPINK 1999-09-09		
sheet		revision					
index		sheet					

title 4.0mm RECPT. ASSY
10 X 20 = 200 POS.
dwg no sheet 2 of 3 size A4
FCI 84517 type CUSTOMER Drawing



mat'l. code				surface	tolerance	projection	product family
ltr	ecn no	dr	date	ASME Y14.5	ASME Y14.5		MEG-Array
H				angles	X +3 XX +10	MM	title 4.0mm RECPT. ASSY 10 X 20 = 200 POS.
				0° ±2°	XXX +050	scale 1:1	
				dr	D.WAUGHEN 1999-09-09		
				engr	B.SPINK 1999-09-09		
				chr	B.SPINK 1999-09-09		
				appd	B.SPINK 1999-09-09		
				sheet	revision		
				index	sheet		

Mouser Electronics

Authorized Distributor

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

FCI:

84517-101