



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



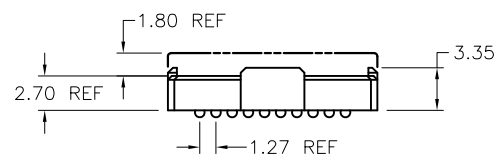
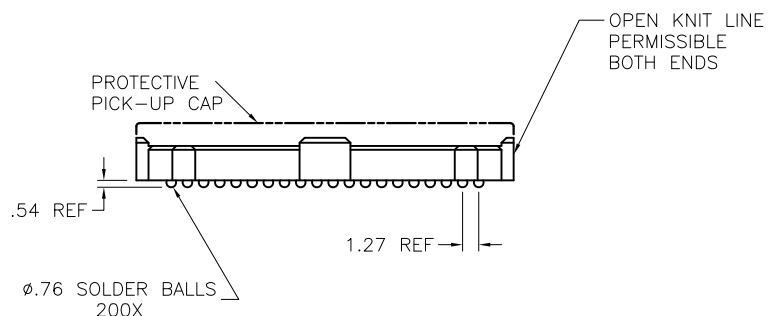
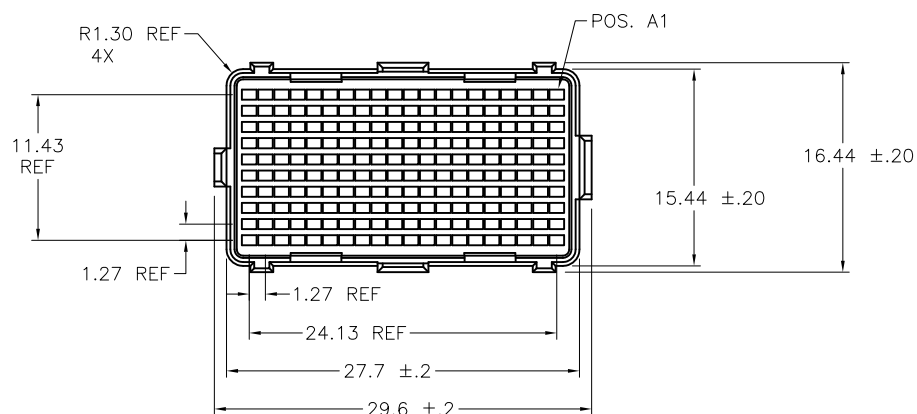
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PRODUCT No.	PICK-UP CAP (NATURAL OR BLACK COLOR)	CONTACT PLATING AND THICKNESS	SOLDER BALL	NOTES
84517-001	YES	15u" (.38um) Au	SnPb	
84517-001LF	YES	15u" (.38um) Au	LEAD FREE	6
84517-091	YES	15u" (.38um) GXT	SnPb	
84517-091LF	YES	15u" (.38um) GXT	LEAD 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
-				ASME Y14.5	ASME Y14.5		MEG-Array
ltr	ecm no	dr	date	tolerances unless otherwise specified			title
H	V12-0037	DCH	2012-11-13	angles	X ±3	MM	4.0mm RECEPT. ASSY
-	-	-	-		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	1999-09-09	sheet 1 of 3
E	V05-1071	DAI	2005-12-21	enr	B.SPINK	1999-09-09	size
F	V06-0560	LP	2006-07-14	chr	B.SPINK	1999-09-09	84517
G	V12-0030	RE	2012-08-06	appd	B.SPINK	1999-09-09	A4
sheet	revision	H	H	H			type
index	sheet	1	2	3			CUSTOMER Drawing

NOTES:

①. MAT'L

HOUSING: LCP
CONTACT: COPPER ALLOY

PLATING

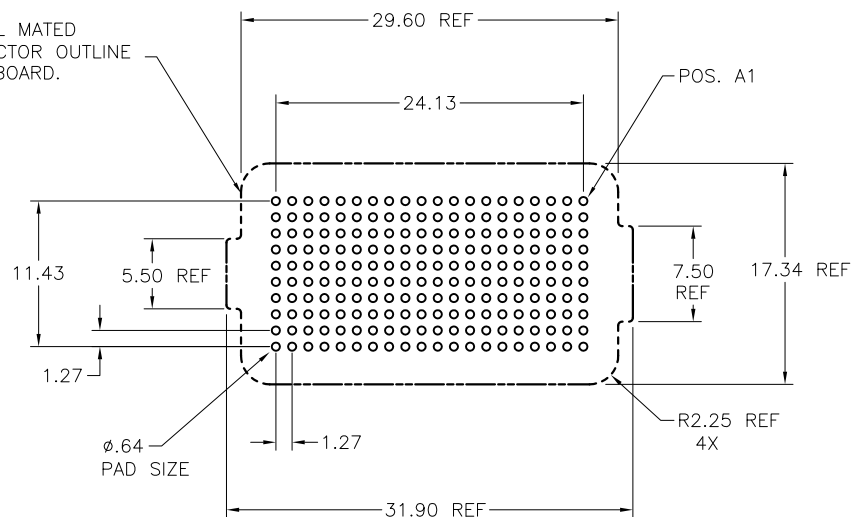
CONTACT: (SEE TABLE ON SHEET1)
SOLDER BALL: (SEE TABLE ON SHEET1)
EUTECTIC SnPb OR LEAD FREE
95.5Sn/4Ag/0.5Cu

2. OVERALL BOARD-TO-BOARD STACK 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 GR-1217-CORE,
CENTRAL OFFICE ENVIRONMENT, 25 YEAR LIFE EXPECTANCY.
THE CONTACTS IN THESE PRODUCT NUMBERS ALSO HAVE
SPECIAL CONTACT GEOMETRY⑤. 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 SPECIFICATION⑥. 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

STENCIL MATED
CONNECTOR OUTLINE
ONTO BOARD.

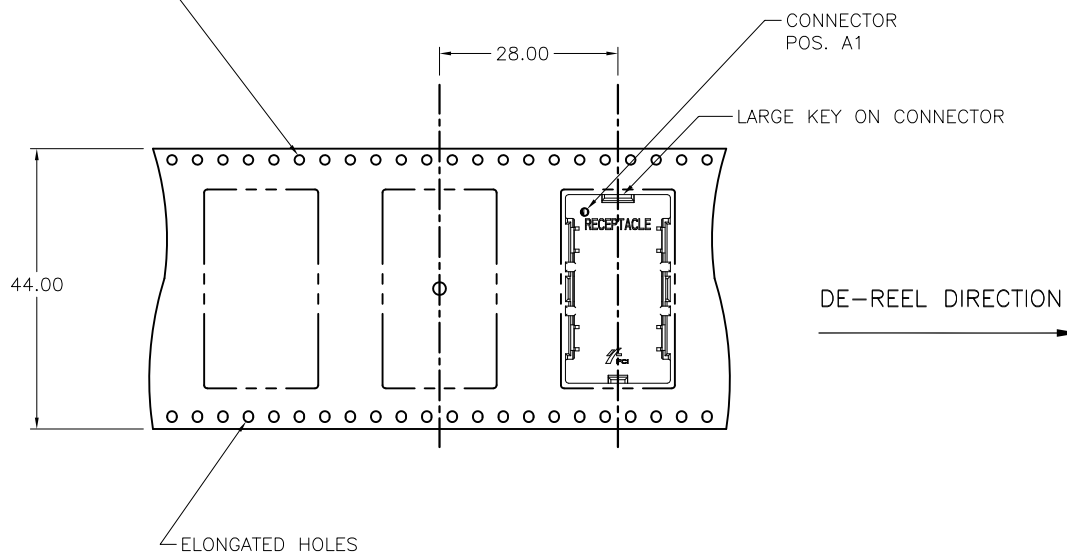


BOARD PATTERN

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

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
H				angles	X ±3		4.0mm RECEPT. ASSY
				0° ±2'	XX ±10		10 X 20 = 200 POS.
					XXX ±050	scale 1:1	dwg no
				dr	D.WAUGHEN 1999-09-09		sheet 2 of 3
				engr	B.SPINK 1999-09-09		size
				chr	B.SPINK 1999-09-09		84517
				appd	B.SPINK 1999-09-09		A4
sheet index	revision sheet						type CUSTOMER Drawing

ROUND SPROCKET HOLES



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	
H				angles	X ±3		4.0mm RECPT. ASSY	
				0° ±2°	XX ±10			
					XXX ±0.50	scale 1:1	10 X 20 = 200 POS.	
				dr	D.WAUGHEN	1999-09-09		dwg no 84517 type CUSTOMER Drawing
				enr	B.SPINK	1999-09-09		
				chr	B.SPINK	1999-09-09		
				appd	B.SPINK	1999-09-09		
sheet index	revision sheet							