



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!



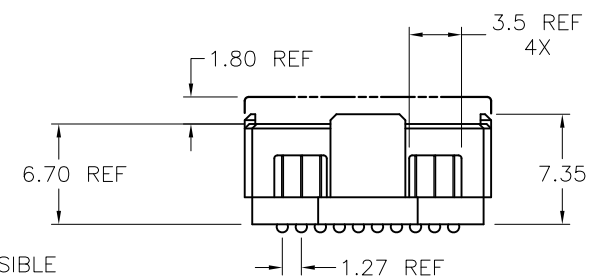
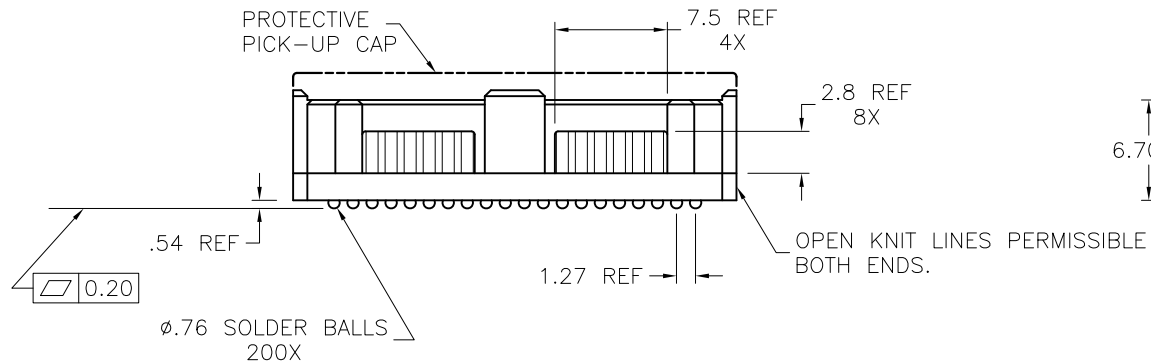
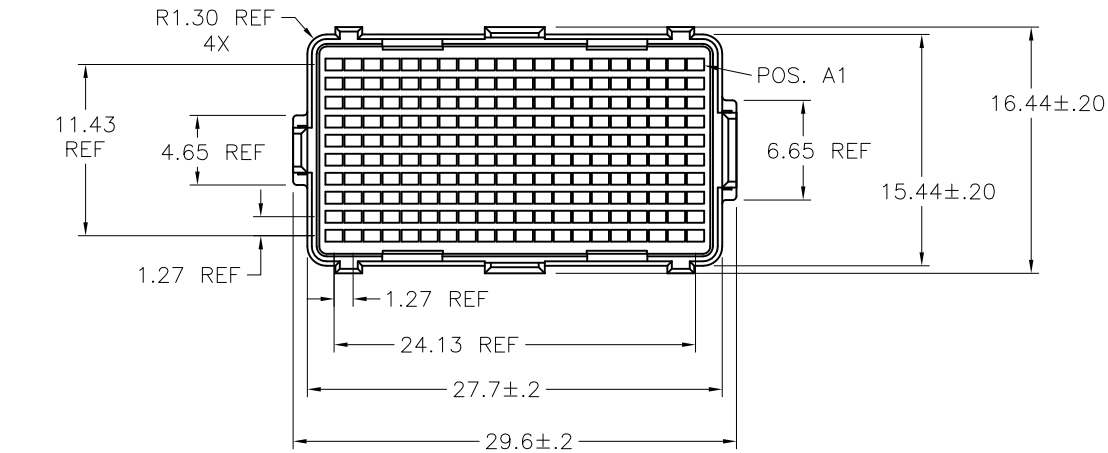
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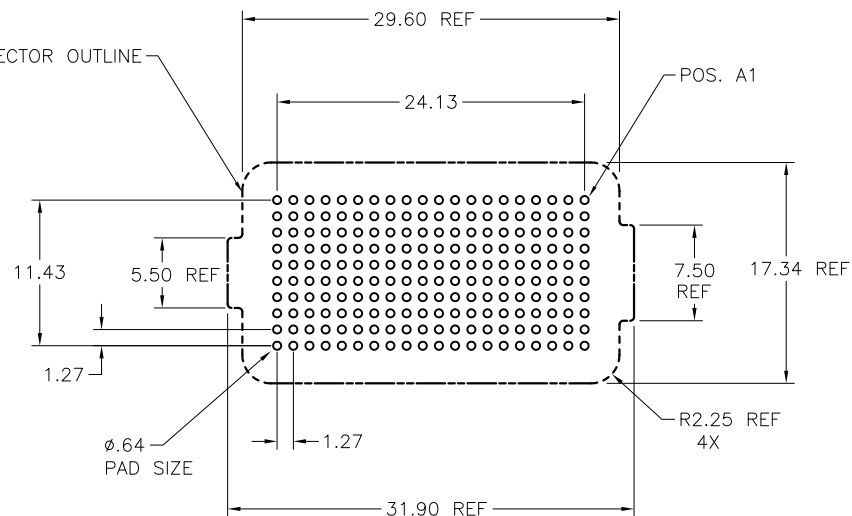
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



PRODUCT NUMBER
 SEE TABLE—SHEET 3


mat'l. code				surface		tolerance		projection		product family			
SEE NOTE 1				ASME Y14.5 ✓		ASME Y14.5				MEG-Array			
ltr		ecm no		dr		date		tolerances unless otherwise specified				title	
H		V-012333		SJ		2002-08-06		angles		linear		X ±3	
J		V12-0034		SM		2002-09-27						XX ±10	
K		V12-0049		DCH		2002-12-11		0° ±2'				XXX ±050	
										scale 1:1			
—		—		—		—		dr		D. WAUGHEN		1999-09-07	
E		V06-0560		LP		2006-07-14		engr		B. SPINK		1999-09-07	
F		V07-0641		LP		2007-10-23		chr		B. SPINK		1999-09-07	
G		V11-0030		HTB		2011-06-16		appd		B. SPINK		1999-09-07	
sheet index		revision		K		K		K					
		sheet		1		2		3					

PRODUCT NUMBER
 SEE TABLE—SHEET 3

 STENCIL MATED CONNECTOR OUTLINE
 ONTO BOARD.


NOTES:

① MATERIAL:

 HOUSING: LCP
 CONTACT: COPPER ALLOY

PLATING:

 CONTACT: (SEE TABLE ON SHEET 3)
 SOLDER BALL: (SEE TABLE ON SHEET 3)
 EUTECTIC SnPb OR LEAD FREE
 95.5Sn/4Ag/0.5Cu
2. OVERALL BOARD-TO-BOARD STACK HEIGHTS
AVAILABLE USING THIS CONNECTOR (84535):

MATED HEIGHT	WITH PLUG P/N
8mm	84516
14mm	84530




③ PLATING FOR INDICATED -2XX SERIES PRODUCT NUMBERS MEET THE REQUIREMENTS OF GR-1217-CORE, CENTRAL OFFICE ENVIRONMENT, (25 YEAR LIFE EXPECTANCY). THE CONTACTS ON THESE PRODUCT NUMBERS ALSO HAVE SPECIAL CONTACT GEOMETRY.



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.

BOARD PATTERN

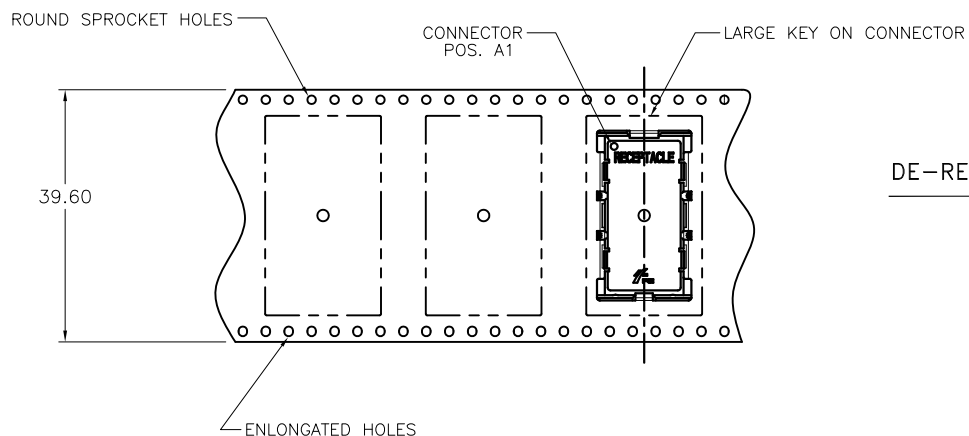
⑤ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004 PRODUCT MEETING THIS DIRECTIVE IS IDENTIFIED IN THE LOT CODE NUMBER MARKED ON EACH PART BY HAVING AN "X" IN THE SEVENTH CHARACTER POSITION.

⑥ 84535-A01 AND -A01LF ARE CUSTOMER SPECIALS.

 8. A  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	ecr no	dr	date	tolerances unless otherwise specified		MM scale 1:1	title 8.0mm RECEPTACLE ASSEMBLY 10 X 20 = 200 POSITIONS
K				angles	X ±3 XX ±10 XXX ±050		dwg no
				0° ±2'			sheet 2 of 3
				dr	D. WAUGHEN		size A4
				engr	B. SPINK		84535
				chr	B. SPINK		type
				appd	B. SPINK		CUSTOMER Drawing
sheet index	revision sheet						

PRODUCT NUMBER	PICK-UP CAP (NATURAL OR BLACK COLOR)	CONTACT PLATING AND THICKNESS	SOLDER BALL	NOTES
84535-001	YES	15μ" (0.38μm) Au	SnPb	
84535-001LF	YES	15μ" (0.38μm) Au	LEAD FREE	5
84535-091	YES	15μ" (0.38μm) GXT	SnPb	
84535-091LF	YES	15μ" (0.38μm) GXT	LEAD FREE	5
84535-101	YES	30μ" (0.76μm) Au	SnPb	
84535-101LF	YES	30μ" (0.76μm) Au	LEAD FREE	5
84535-191	YES	30μ" (0.76μm) GXT	SnPb	
84535-191LF	YES	30μ" (0.76μm) GXT	LEAD FREE	5
84535-201	YES	50μ" (1.27μm) Au SPECIAL	SnPb	3
84535-201LF	YES	50μ" (1.27μm) Au SPECIAL	LEAD FREE	3 and 5
84535-291	YES	50μ" (1.27μm) GXT SPECIAL	SnPb	3
84535-291LF	YES	50μ" (1.27μm) GXT SPECIAL	LEAD FREE	3 and 5
84535-A01	YES	30μ" / 0.76μm SPECIAL	SnPb	6
84535-A01LF	YES	30μ" / 0.76μm SPECIAL	LEAD FREE	5 & 6
84535-301	YES	15μ" (0.38μm) Au SPECIAL	SnPb	6
84535-301LF	YES	15μ" (0.38μm) Au SPECIAL	LEAD FREE	5 & 6
84535-401	YES	30μ" (0.76μm) Au SPECIAL	SnPb	6
84535-401LF	YES	30μ" (0.76μm) Au SPECIAL	LEAD FREE	5 & 6
84535-501	YES	SPECIAL	SnPb	3 & 6
84535-501LF	YES	SPECIAL	LEAD FREE	3, 5 & 6



mat'l. code	surface	tolerance	projection	product family
SEE NOTE 1	ASME Y14.5	ASME Y14.5		MEG-Array
ltr	ecr no	dr	date	title
K				8.0mm RECEPTACLE ASSEMBLY
				10 X 20 = 200 POSITIONS
				dwg no
				sheet 3 of 3
				size
				84535
				A4
				type
				CUSTOMER Drawing
sheet index	revision sheet			