



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!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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





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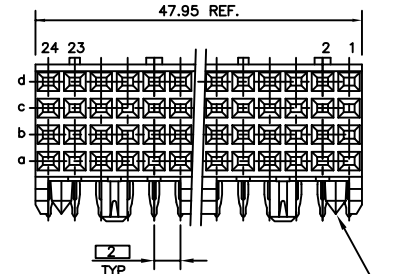
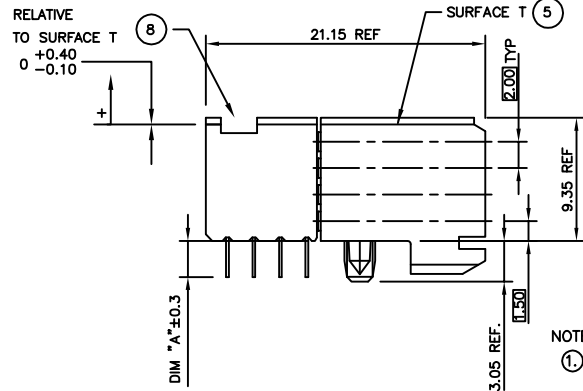
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PART NUMBER	CONFIGURATION																								
	ROW	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
88947-X Y3LF SEE NOTE 11 OPTION	d	-	X	-	X	-	-	X	-	X	-	X	-	X	-	X	X	-	X	-	X	-	X	-	X
	c	-	X	-	X	-	-	X	-	X	-	X	-	X	-	X	X	-	X	-	X	-	X	-	X
	b	-	X	-	X	-	-	X	-	X	-	X	-	X	-	X	X	-	X	-	X	-	X	-	X
	a	-	X	-	X	-	-	X	-	X	-	X	-	X	-	X	X	-	X	-	X	-	X	-	X

PLATING CONTACT AREA:	
DASH NR:	PERFORMANCE LEVEL
-1YY/1YYLF	TELCORDIA CO
-2YY/2YYLF	CUSTOMER SPECIAL
-3YY/3YYLF	CUSTOMER SPECIAL

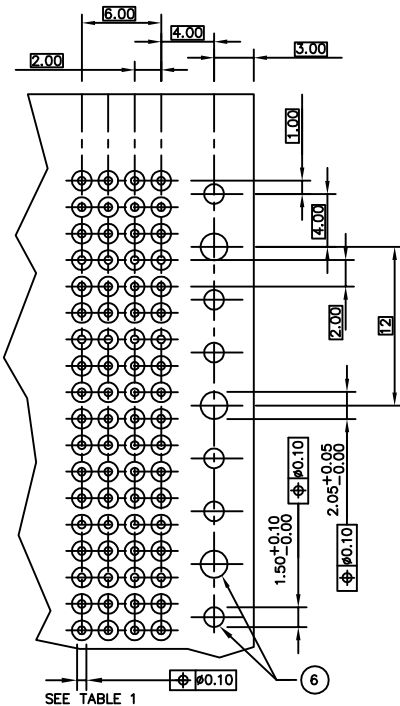
"X" = LOADED POSITION
"-" = EMPTY POSITION

PRODUCT NUMBER	PCB THICKNESS	DIM "A"
88947-X02	1.6	2.90
88947-X12	2.4	3.53
88947-X02LF	1.6	2.90
88947-X12LF	2.4	3.53
88947-X03LF	1.6	2.90
88947-X13LF	2.4	3.53



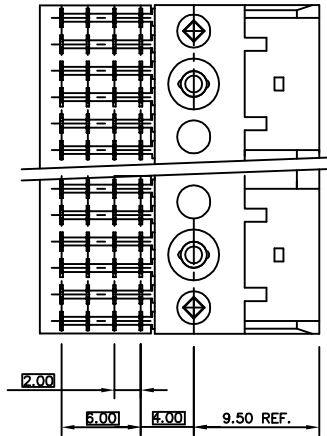
- NOTES:
- CONNECTOR MATERIALS:
HOUSING: LCP, 30% GLASS FILLED, UL 94-V0 COMPLIANT
TERMINAL: PHOSPHOR BRONZE ALLOY
 - PRESS-FIT TAIL PLATING: 0.5-1.5 μm TIN LEAD
 - PRODUCT SPECIFICATION:
GS-12-002
 - APPLICATION SPECIFICATIONS:
BUS-20-061
GS-20-001
TA-941
 - PRODUCT MARKING: (PART NUMBER & LOT CODE).
 - INDICATED HOLES ARE UNPLATED.
 - DIAMOND LOCATION PEG ARE ONLY EXISTED ON THE BOTH SIDES OF PRODUCT.
 - TOP SURFACE OF PRESS BLOCK MAY EXTEND UP TO 0.4MM HIGHER THAN HOUSING. THIS MAY AFFECT THE TAIL LENGTH BEFORE APPLICATION TO A BOARD.
 - THESE PRODUCTS WHERE THE PART NUMBER ENDS IN "LF" MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 240°C FOR 60 SECONDS IN A CONVECTION, INFRARED OR VAPOR PHASE REFLOW OVEN.
 - FOR LEAD FREE PART NUMBERS ADD "LF" SUFFIX. EXAMPLE: 88947-XY YLF.
 - ONLY 88947-X03LF AND 88947-X13LF, OTHER P/N IS FULL LOADED



RECOMMENDED PC BOARD LAYOUT,
COMPONENT SIDE.

TABLE 1 PLATED THRU HOLE REQUIREMENTS	
HOLE DIAMETER AFTER PLATING	0.65-0.80
DRILLED HOLE	0.81-0.86 (0.85 DRILL)
COPPER PLATING	0.025 - 0.05
SnPb PLATING	0.005-0.015



mat'l. code SEE NOTES		tolerances unless otherwise specified		CUSTOMER COPY	FCI www.fciconnect.com
ltr	ecn no	dr	date	projection	
M	DG07-0170	Cenh	05/22/07	MM	product family METRAL (tm) code 213
N	DG08-0171	TER	8/15/08		
P	DG09-0068	Cenh	06/06/09	sheet index	revision sheet
R	DG-010933	QinDF	03/08/12		
		enrg	De-Feng Qin 03/08/12	sheet index	revision sheet
		chr	Tian-Zhao Lin 03/08/12		
		appd	Pei-Ming Zheng 03/08/12	sheet index	revision sheet