



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!



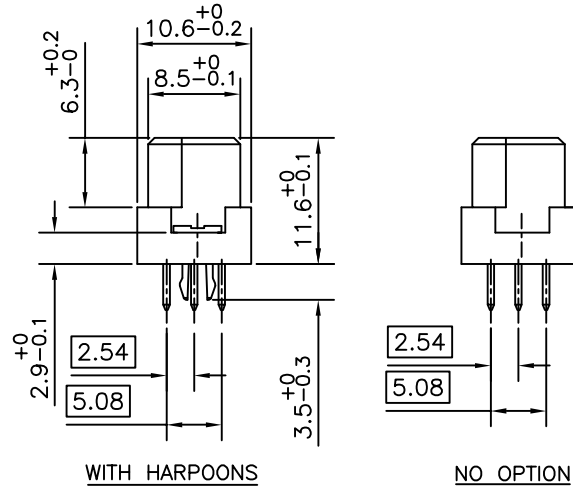
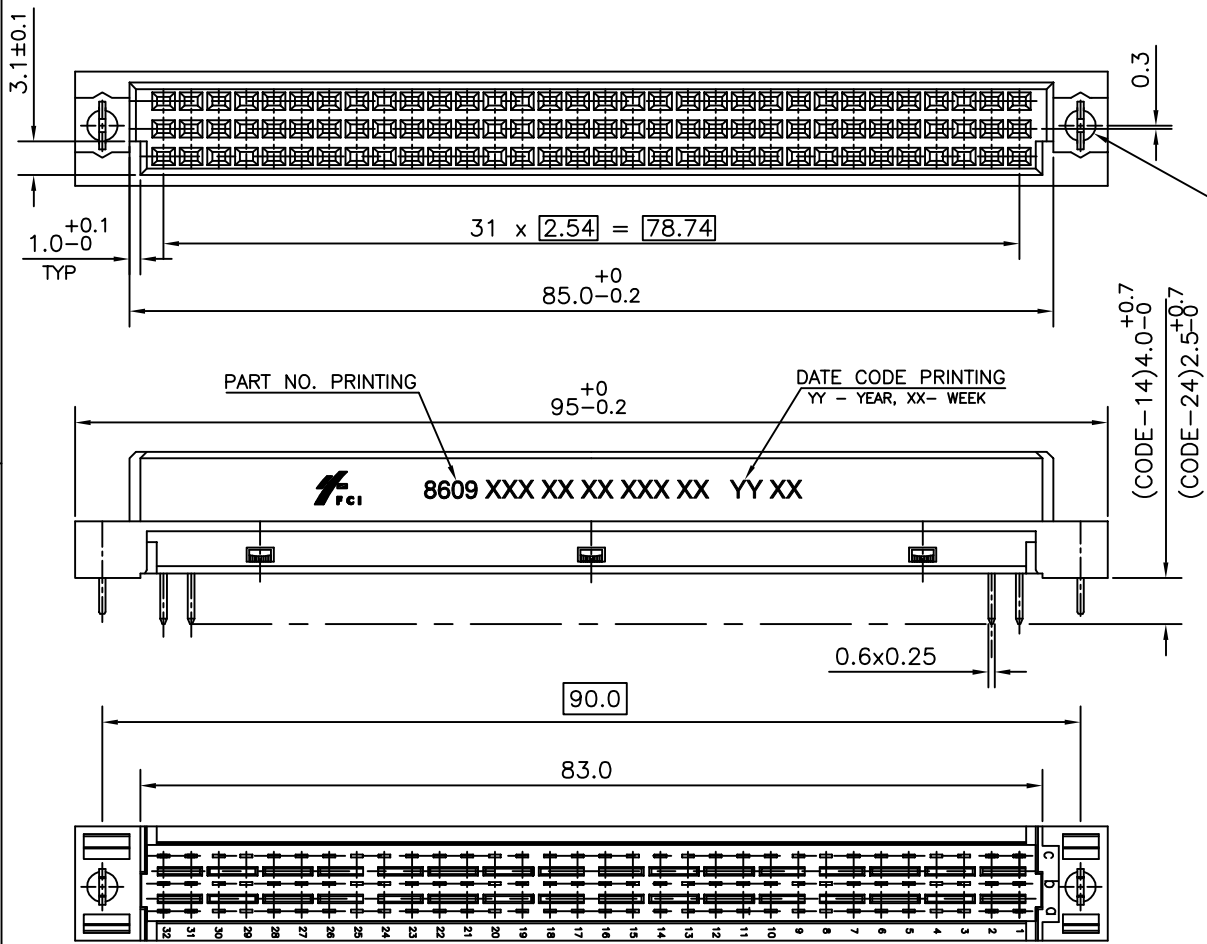
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TECHNICAL SPECIFICATION

INSULATOR MATERIAL : THERMOPLASTIC POLYESTER UL94V-0, GREY
HOUSING CAN WITHSTAND EXPOSURE TO LEAD FREE WAVE SOLDERING TEMPERATURE OF 260-265°C FOR STRAIGHT CONNECTORS AS IT IS IN CLASSICAL LEAD WAVE SOLDERING AT 235-250°.

CONTACT / HARPOON MATERIAL : COPPER ALLOY

CONTACT PLATING

ACTIVE ZONE : GOLD OVER NICKEL

TERMINATION ZONE

TIN LEAD VERSION : TIN LEAD OVER NICKEL

LEAD FREE VERSION : TIN (PURE MATTE) OVER NICKEL

HARPOON PLATING

TIN LEAD VERSION : TIN LEAD OVER NICKEL

LEAD FREE VERSION : TIN (PURE MATTE) OVER NICKEL

ELECTRICAL DATA

CURRENT RATING AT 20°C : 1.5 A

CURRENT (I MAX) : 2 A

TEMPERATURE RANGE : -55°C/+125°C

CONTACT RESISTANCE : ≤ 20mΩ

INSULATION RESISTANCE : ≥ 10⁶ MΩ

TEST VOLTAGE (rms) : 1000V

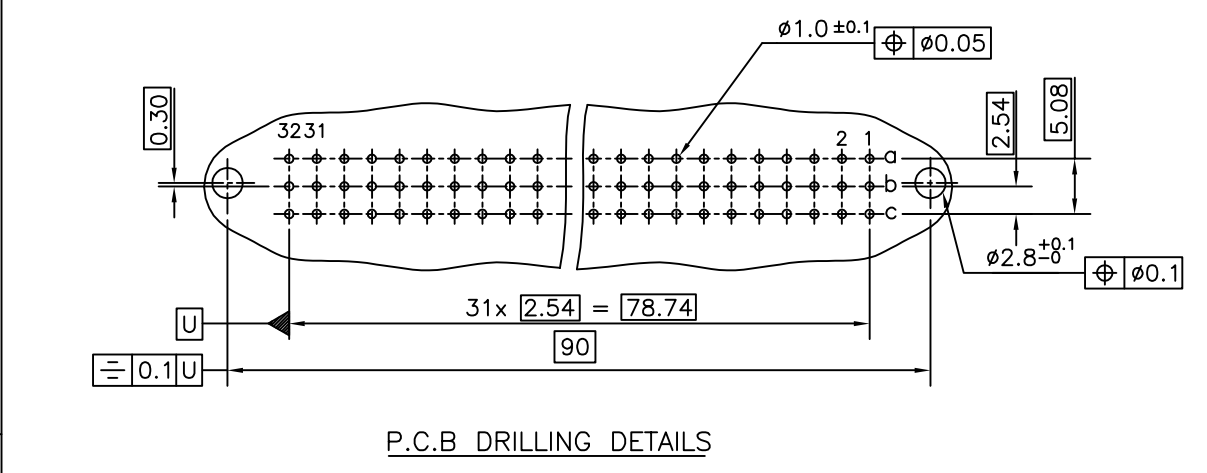
MECHANICAL DATA

INSERTION FORCE PER CONTACT : ≤ 0.94N

EXTRACTION FORCE PER CONTACT : ≥ 0.15N

REFERENCE SPECIFICATIONS : DIN 41612 / IEC 603-2

SERIES	8609	3	96	8	1	14	7	5	5	V1
ROWS FITTED WITH CONTACTS										
Rows a-b	-----		2	64						
Rows a-b-c	-----		3	96						
Rows a-c	-----		4	64						
NUMBER OF CONTACTS										
TYPE OF INSULATOR										
3 ROW FEMALE INSULATOR	-----		8							
METHOD OF MOUNTING										
STANDARD MOUNTING STYLE- C	-----		1							
TERMINATION										
STRAIGHT SPILL (LONG)	-----		14							
STRAIGHT SPILL (SHORT)	-----		24							
OPTIONS										
NO OPTION	-----		7							
WITH HARPOONS	-----		H							
PERFORMANCE CLASS										
4 - DIN 41612 CLASS 3	-----		4							
5 - DIN 41612 CLASS 2	-----		5							
6 - DIN 41612 CLASS 1	-----		6							
8 - AS PER MIL C 55302/JSS 50808	-----		8							
PITCH PER ROW										
2.54	-----		5							
V1	----- TIN LEAD VERSION									
V1LF	----- LEAD FREE VERSION									



NOTES:-

- THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 3.5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6 MM MINIMUM THICK CIRCUIT BOARD
- LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR LEAD FREE VERSION.

mat'l. code	surface	tolerance	projection	product family
-	ISO 1302	ISO 406 ISO 1101		8609
ltr	ecn no	dr	date	title
B	I04-0100	MINI	09/11/2004	DIN STANDARD RECEPTACLE STRAIGHT SPILL DIN 41612 STYLE-C
C	I05-0042	MINI	19/05/2005	
D	I05-0086	MINI	02/06/2005	
E	I06-0063	MINI	01/06/2006	
tolerances unless otherwise specified				angles
linear				mm
0°±1'				scale -
dr				MINI K VANDANATH 29/09/2004
engr				RAKHEE GEORGE 29/09/2004
chr				RAKHEE GEORGE 01/06/2006
appd				RAKHEE GEORGE 01/06/2006
sheet index	revision	E		dwg no
	sheet	1		sheet 1 of 1
				size
				A3
				type
				Product Customer Drawing