



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!



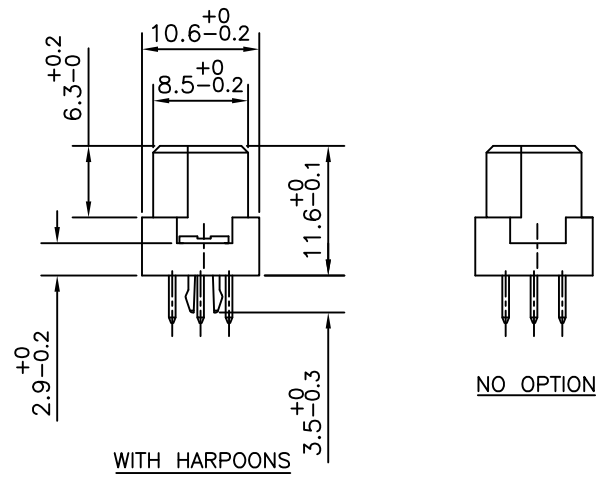
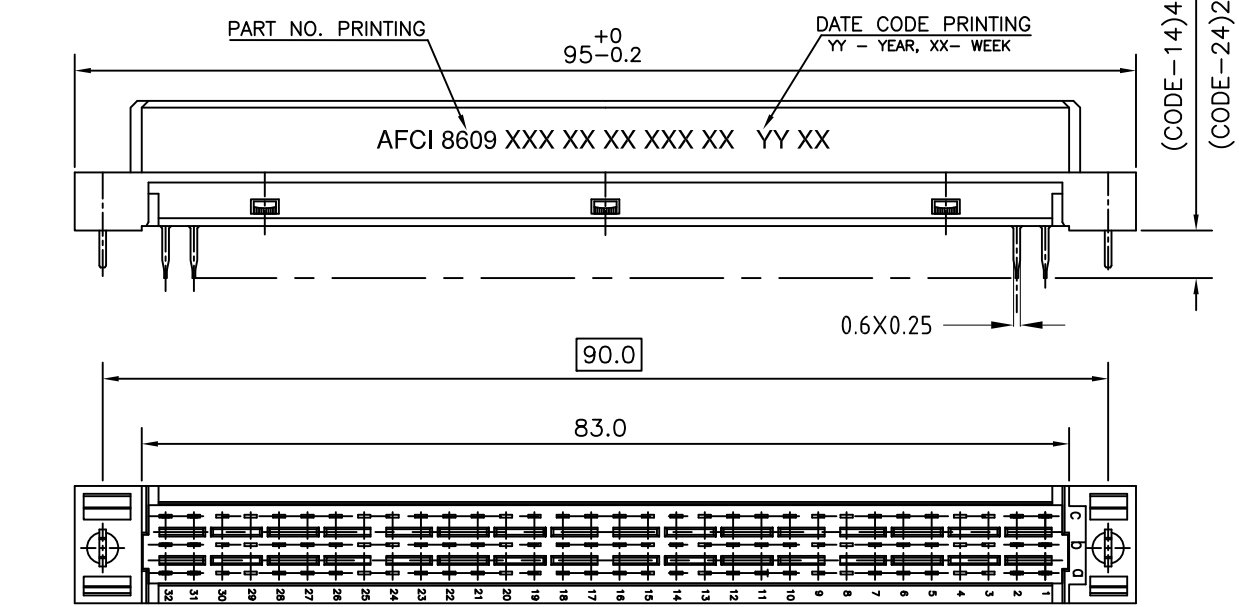
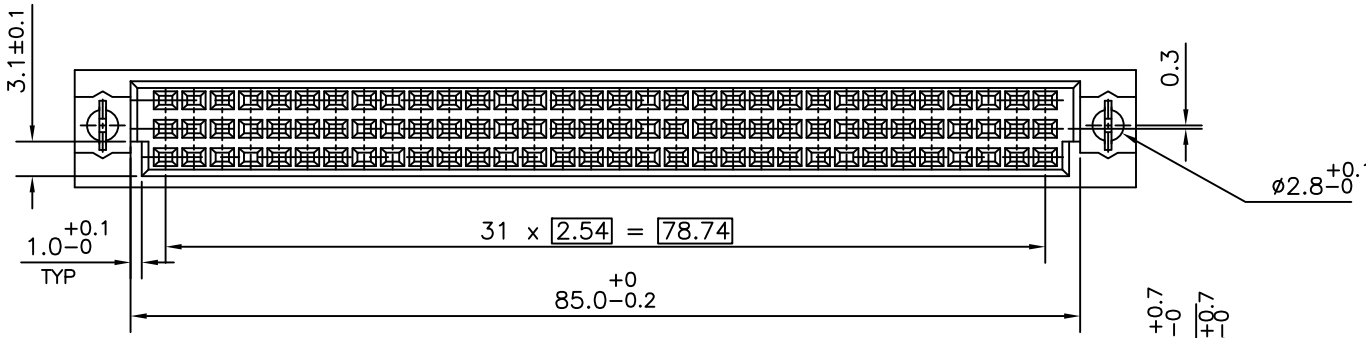
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TECHNICAL SPECIFICATION

INSULATOR MATERIAL : HIGH TEMPERATURE THERMOPLASTIC POLYESTER UL94V-0, NATURAL
 HOUSING CAN WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 30 SECONDS IN A CONVECTION, INFRARED OR VAPOUR REFLOW SOLDER APPLICATION

CONTACT / HARPOON MATERIAL : COPPER ALLOY

CONTACT PLATING

ACTIVE ZONE : Au / GXT™ OVER NICKEL

TERMINATION ZONE

LEAD FREE VERSION : TIN (PURE MATTE) OVER NICKEL

HARPOON PLATING

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

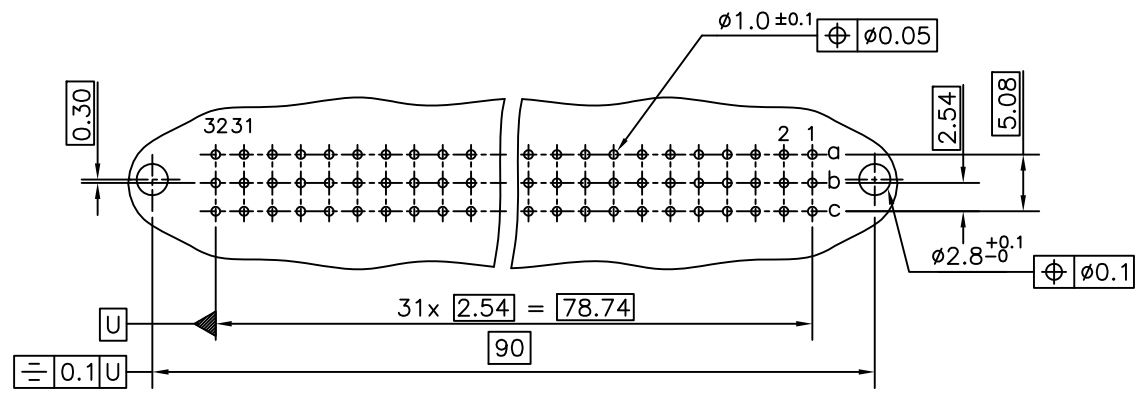
MECHANICAL DATA

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	B	5	5	F1LF
ROWS FITTED WITH CONTACTS										
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										
HIGH TEMPERATURE HOUSING (NATURAL)	B									
HIGH TEMPERATURE HOUSING (NATURAL) WITH HARPOONS	T									
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									
F1LF	HIGH TEMPERATURE INSULATOR, LEAD FREE VERSION									



P.C.B DRILLING DETAILS

NOTES:

- THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
- LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR LEAD FREE VERSION.
- FOR GENERAL CHARACTERISTICS AND RoHS INFORMATION, REFER DRAWING C-8609-0000A.

mat'l. code	-			surface	ISO 1302	tolerance	ISO 406 ISO 1101	projection	product family		
ltr	ecn no	dr	date	tolerances unless otherwise specified		.0±.1		mm		8609	
A	-	MJA	2017/06/05	angles	linear					title	
				0°±1°							DIN STANDARD RECEPTACLE
				dr	M JACOB	2017/06/05				STRAIGHT SPILL DIN 41612 STYLE-C	
				enr	M JACOB	2017/06/05				(HIGH TEMPERATURE VERSION)	
				chr	STALIN ALOSIUS	2017/06/05				dwg no	
				appd	BIJU K PAUL	2017/06/05				sheet 1 of 1	
										size	
										A3	
										type	
										Product Customer Drawing	
sheet index	revision	A									
	sheet	1									

Amphenol FCI

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