



TECHNICAL SPECIFICATION

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

CONTACT / HARPOON MATERIAL : COPPER ALLOY
 CONTACT PLATING : CONTACT ZONE - Au / GXT™ OVER Ni
 TERMINATION ZONE - Sn (MATT) OVER Ni
 HARPOON PLATING : Sn (MATT) OVER Ni

ELECTRICAL DATA

CURRENT RATING AT 20°C : 1.5 A
 CURRENT (I MAX) : 2 A
 TEMPERATURE RANGE : -55°C TO +125°C
 CONTACT RESISTANCE : ≤20 mΩ
 INSULATION RESISTANCE : ≥10⁹Ω
 TEST VOLTAGE (rms) : 1000 V

MECHANICAL DATA

INSERTION FORCE PER CONTACT : ≤ 0.94 N
 EXTRACTION FORCE PER CONTACT : ≥ 0.15 N

REFERENCE SPECIFICATION : DIN 41612 / IEC 603-2

SERIES	8609	3	48	7	3	13	B	5	5	F1LF
ROWS FITTED WITH CONTACTS										
Rows a b c		3	48							
Rows a - c		4	32							
NUMBER OF CONTACTS										
TYPE OF INSULATOR										
3 ROW MALE INSULATOR										7
METHOD OF MOUNTING										
STANDARD MOUNTING - STYLE C/2										1
TERMINATION										
ANGLED SPILL SHORT (L = 2.6 ^{+0.3})										13
ANGLED SPILL LONG (L = 4.0 ^{+0.3})										23
OPTIONS										
HIGH TEMPERATURE HOUSING (NATURAL)										B
HIGH TEMPERATURE HOUSING (NATURAL) WITH HARPOONS										T
PERFORMANCE CLASS										
DIN 41612 CLASS 3										4
DIN 41612 CLASS 2										5
DIN 41612 CLASS 1										6
AS PER MIL C 55302/ JSS 50808										8
PITCH PER ROW										
2.54										5
SPECIAL CODE : F1LF										HIGH TEMPERATURE INSULATOR, LEADFREE VERSION

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

mat'l. code	SEE TECH. SPEC.	surface	ISO 1302	tolerance	ISO 406	ISO 1101	projection	product family	8609
ltr	ecn no	dr	date	tolerances unless otherwise specified			mm	title	
A	-	MJA	2016-11-29	angles	.0±1			DIN STANDARD HEADER	
B	ELX-I-28738	MJA	2017-12-09	linear			scale 3:2	ANGLED SPILL DIN 41612 STYLE-C/2	
				0°±1°				(HIGH TEMPERATURE VERSION)	
		dr	M JACOB	2016-11-29			Amphenol FCi	dwg no	
		enr	M JACOB	2016-11-29				sheet 1 of 1	
		chr	STALIN ALOSIUS	2016-11-29				size	
		appd	BIJU K PAUL	2016-11-29				A3	
sheet index	revision sheet	B	1					type	
								Product Customer Drawing	

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [DIN 41612 Connectors](#) category:

Click to view products by [Amphenol](#) manufacturer:

Other Similar products are found below :

[09231126901](#) [PCN10F-24P-2.54DS\(72\)](#) [004.767](#) [02221602702](#) [024069](#) [602427301412000](#) [013275](#) [691327-1](#) [74670-0732](#) [74680-0340](#)
[75880-0015](#) [76453-0014](#) [86093159ALF](#) [923454](#) [QLC260R](#) [120X10099X](#) [120X10019X](#) [120X10089X](#) [120X10129X](#) [121A10039X](#)
[121A10309X](#) [122A10019X](#) [122A10029X](#) [122A10249X](#) [122A10669X](#) [122A11089X](#) [122A13089X](#) [122A10089X](#) [122A10129X](#)
[122A10349X](#) [122A13359X](#) [1377391-4](#) [DIN-048CPC-SR1-MH](#) [1393583-2](#) [1393726-7](#) [140X10059X](#) [140X10129X](#) [143-1913-000](#) [143-1908-](#)
[000](#) [1484472-1](#) [173052](#) [2110070-1](#) [2110070-2](#) [CBC20T00-008FDS5-0-1-002VR](#) [983-0SE12-12P6](#) [17041102202](#) [172699-5036](#) [173051](#) [20](#)
[8457096](#) [010](#) [025](#) [208458096005133](#)