

TECHNICAL SPECIFICATION

HOUSING MATERIAL	:	THERMOPLASTIC POLYESTER UL94V0; GREY
HOUSING CAN WITHSTAND EXPOSURE TO LEAD FREE WAVE SOLDERING TEMPERATURE OF 260-265°C		
WHEN USED WITH PROTECTIVE ADHESIVE OR PROTECTIVE METALLIC DEVICE FOR ANGLE CONNECTORS AS IT IS USED IN CLASSICAL LEAD WAVE SOLDERING AT 235-250°C.		
CONTACT & HARPOON MATERIAL	:	COPPER ALLOY
CONTACT PLATING		
ACTIVE ZONE	:	Au OVER Ni
TERMINATION ZONE	:	Sn (PURE MATT) OVER Ni FOR LEAD FREE VERSION
HARPOON PLATING	:	Sn (PURE MATT) OVER Ni FOR LEAD FREE VERSION

ELECTRICAL DATA

CURRENT RATING AT 20°C	:	15A
CURRENT (I MAX)	:	2A
TEMPERATURE RANGE	:	-55°C TO +125°C
CONTACT RESISTANCE	:	≤ 20mΩ
INSULATION RESISTANCE	:	≥ 10 ⁹ MΩ
TEST VOLTAGE (rms)	:	1000V

MECHANICAL DATA

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

REFERENCE SPECIFICATION : DIN 41612 / IEC 603-2

SERIES	8609	2	32	5	3	13	7	5	5	QFLF
ROWS FITTED WITH CONTACTS										
ROW a b										
NO. OF CONTACTS										
TYPE OF INSULATOR										
2 ROW MALE INSULATOR										
METHOD OF MOUNTING										
STANDARD MOUNTING - STYLE B/2										
TERMINATION										
ANGLED SPILL										
OPTIONS										
NO OPTION										
WITH HARPOONS										
PERFORMANCE CLASS										
DIN 41612 CLASS 3										
DIN 41612 CLASS 2										
DIN 41612 CLASS 1										
AS PER MIL C 55302 / JSS 50808										
PITCH PER ROW										
2.54 mm										
SPECIAL CODE: SPECIAL CONTACT LOADING										
STANDARD CONTACTS LOADED IN POSITIONS a1, b1, a16 & b16										
ALL REMAINING POSITIONS TO BE LOADED WITH LMEB CONTACTS										

NOTES:

1. THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
2. 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.
3. LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR LEAD FREE VERSION.

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			title	DIN STANDARD HEADER
A	108-0059	JS	2009-07-10	angles	linear	mm	ANGLED SPILL DIN 41612 STYLE-B/2	
				0°±1°		scale 2:1	dwg no	sheet 1 of 1 size
		dr	JOHN SLEEBA	2008-04-29			C-8609-2141	A3
		enrg	KESAVAN R	2008-04-29			type	Product Customer Drawing
		chr	KESAVAN.R	2008-04-29				
		appd	KESAVAN R	2008-04-29				
sheet index	revision	A						
	sheet	1						

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