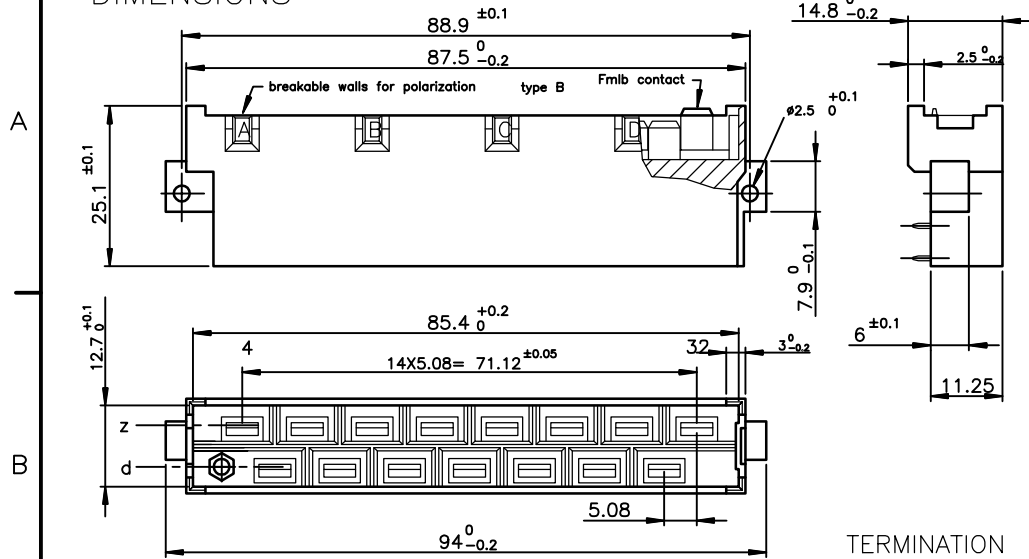
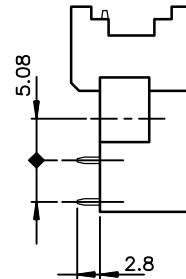


DIMENSIONS



TERMINATION



ELECTRICAL DATA

- Current at AMB. 15 A at 20° / 10 A at 70°
- Contact resistance ≤8mΩ according to DIN 41640 Teil 4 test 2a
- Insulation resistance ≥10⁸ MΩ according to DIN 41640 teil 7 test 3a according to DIN 41640 teil 21
- TEST VOLTAGE contact/contact 3100 V
- contact/ground 3100 V
- grounding pin position Z 32

MECHANICAL DATA

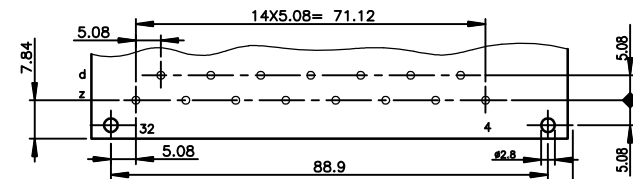
- Insertion force ≤90N
- Mechanical endurance 500 matings unmatings according to DIN41640 teil 21
- Material insulator Polycarbonate UL94V0
- Material contacts Copper alloy
- Finishing contact surface Silver or Lead Free
- Finishing termination Silver or Lead Free
- Schock ≤16mΩ according to DIN 41640 Teil 14 test 6c
- Vibration 10-2000Hz/20g according to DIN 41640 Teil 15

ENVIRONMENTAL DATA

- Climatic category According to DIN 41612 - class 1
- Corrosion According to DIN 41612 - class 1

PERFORMANCES AS PER DIN 41612 STYLE H 15 CLASS 1

P.C. CARD DRILLING (scale 1.2)



NOTE RoHS INFORMATION

- 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 1.6mm minimum thick circuit board.
- For the right angled versions, like the current leaded versions, it's recommended to use high temperature adhesive or metallic device, to protect the nearest plastic part in contact with of the solder wave, to avoid any visual plastic deterioration.

European Views

www.fciconnect.com		surface ISO 1302 ✓	tolerance std ISO 406 ISO 1101	projection mm
		TOLERANCES UNLESS OTHERWISE SPECIFIED		
Dr L.GOISNARD 2005/12/13	Eng L.GOISNARD 2005/12/13	ANGULAR 0.XX ±2'	LINEAR 0.XX ±0.1 0.XXX ±0.1	size A3
Chr P.LEGARE 2005/12/13	Appr P.LEGARE 2005/12/13	Product family DIN POWER		ECN F12-0053
FCJ		title MALE CONNECTOR 2 ROW 15 CONTACTS		Rev. J
catalog no		-		dwg no C01-5159-0017
		CUSTOMER		sheet 1 of 1

LEAD-FREE PART-NUMBER	5159	029	15	23	LF
STYLE	H				
NUMBER OF CONTACTS					
TERMINATION	Angled spills				
PLATING	Silver over nickel Lead-free over nickel				
					660 440
LEAD-FREE					

rev	ecn no	dr	date
C	LS05-0119	MPE	2005/12/13
D	LS06-0022	LGO	2006/02/21
E	LS06-0095	LGO	2006/06/28
F	LS07-0172	LGO	2007/06/18
G	LS07-0288	LGO	2007/11/19
H	F10-0214	APA	2010/10/01
J	F12-0053	APA	2012/05/07



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