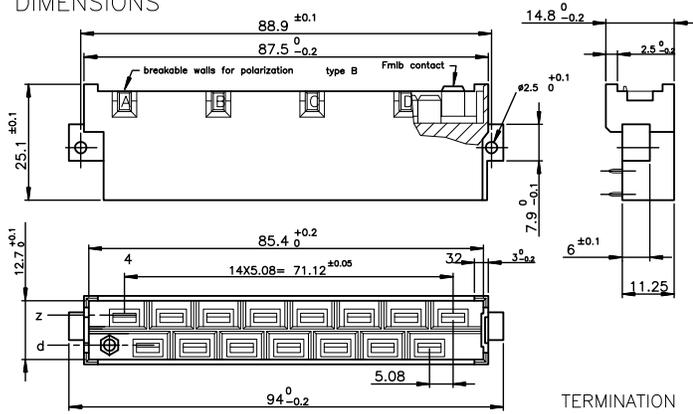




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DIMENSIONS



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: *10⁴ MΩ according to DIN 41640 Teil 7 test 3a
- TEST VOLTAGE: according to DIN 41640 Teil 21
- contact/contact: 3100 V
- contact/ground: 3100 V
- grounding pin position: Z 32

MECHANICAL DATA

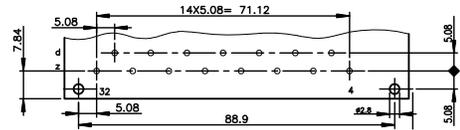
- Insertion force: ?90N
- Mechanical endurance: 500 matings/unmatings according to DIN41640 Teil 21
- Material insulator: Polycarbonate UL94V0
- Material contacts: Copper alloy
- Finishing contact surface: Silver or Lead Free
- Finishing termination: Silver or Lead Free
- Shock: ?16m? according to DIN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

ENVIRONMENTAL DATA

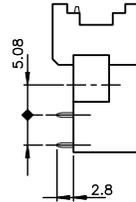
- Climatic category: According to DIN 41612 - class 1
- Corrosion: According to DIN 41612 - class 1

PERFORMANCES AS PER DIN 41612 STYLE H 15 CLASS 1

P.C. CARD DRILLING (scale 1.2)



TERMINATION



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 devices, to protect the nearest plastic part in contact with of the solder wave, to avoid any visual plastic deterioration.

European Views

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

rev	ecn no	dr	date
C	LS05-0118	MPE	2005/12/13
D	LS06-0022	LGO	2006/02/21
E	LS06-0095	LGO	2006/06/26
F	LS07-0172	LGO	2007/06/18
G	LS07-0288	LGO	2007/11/19
H	F10-0214	APA	2010/10/01

www.fciconnect.com		surface	ISO 1302	tolerance std	ISO 406 ISO 110	projection	mm
		TOLERANCES UNLESS OTHERWISE SPECIFIED				size	Scale
		ANGULAR	LINEAR	0.X	±0.1	A3	2
		0.XX	±2	0.XX	±0.1	ECN	F10-0214
		0.XXX		0.XXX	±0.1	Spec ref	-
		Product family		DIN POWER			
Dr L.GOISNARD 2005/12/13		Eng L.GOISNARD 2005/12/13		Chr P.LEGARE 2005/12/13		Appr P.LEGARE 2005/12/13	
Title		Male Connector 2 Row		15 CONTACTS		Rev. H	
catalog no				eng no		C01-5159-0017	
				CUSTOMER		sheet 1 of 1	

REV F - 2008-04-17

PDM: Rev:H

STATUS Released

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