

SUMMARY



Image is for illustrative purpose only

Wires

Low	3
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

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Series	3B
Termination type	Male crimp
IP rating	50
Cable Ø	0.00 - 0.00 mm
Matching parts	FGJ.3B.303.CYMD11Z
Status	active
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	EG*: Fixed receptacle, nut fixing
Keying	2 keys (alpha=37.5, plug: female contacts, receptacle: male contacts)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	∅ 0 - 0 mm
Variant	
Weight	24.59 g

Performance

Configuration	3B.303 : 3 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	25 Amps

Specifications

Contact Type: Crimp
Max. Matings: 5000
Contact Retention: 65 N

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Contact Dia.: 2 mm (0.079in)
 Bucket Dia.: 2.4 mm (0.094in)
 Min. Conductor: 1.5 mm² (AWG 16)
 Max. Conductor: 2.5 mm² (AWG 12)
 R (max): 3.3 mOhm
 Vtest (contact-shell): 2650 V (AC), 3750 V (DC)
 Vtest (contact-contact): 3200 V (AC), 4530 V (DC)

Others

Temp (min / max): -55° C / +250° C
 Humidity (max): <=95% [at 60 deg C / 140 F]
 Vibration: 15 g [10 Hz - 2000 Hz]
 Shock Resistance: 100 g [6 ms]
 Salt Spray Corrosion: >1000 hr
 Climatical Category: 50/175/21
 Shielding (min): 75 dB (10 MHz)
 Shielding (min): 40 dB (1 GHz)
 IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	B	E	L	M	N	S1	S3	e
mm.	22	25	11.5	30.7	2	28.1	16.5	22	M18x1.0
in.	0,87	0,98	0,45	1,21	0,08	1,11	0,65	0,87	








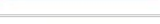
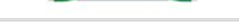







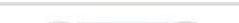











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RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.101.A
 Crimp settings: AWG/Selector = 12-14-16/7-6-5
 Positionner: DCE.91.203.BVCM
 Extractor: DCC.91.202.5LA
 Replacement contact: FGG.3B.575.ZZC

Cables

CMN.03.B12.113PLZ			
CMN.03.T14.078PGCE			
CMN.03.T18.055PGCE	PVC	GREY	
CMN.03.T18.055PGZE		Grey	
CMN.03.T18.055PNCE	PVC	Black	
CMN.03.T18.055PNZE			
CMN.03.T18.055QGZE	TPR (medical)	Grey	
CMN.03.T20.049PGCE	PVC	GREY	
CMN.03.T20.049PGZE		Grey	
CMN.03.T20.049PNCE	PVC	Black	
CMN.03.T20.049PNZE			
CMN.03.T22.049PGCE	PVC	GREY	
CMN.03.T22.049PGZE		Grey	
CMN.03.T22.049PNCE	PVC	Black	
CMN.03.T22.049PNZE			
CMN.03.T28.031PGCE	PVC	GREY	
CMN.03.T28.031PGZE		Grey	
CMN.03.T28.031PNCE	PVC	Black	
CMN.03.T28.031PNZE			
003 041	PVC	Grey	
003 050	PVC	Black	
003 081	PVC	Black	
003 220	PVC	Black	
003 280	PVC	Black	
030 110	PVC	Grey	
030 141	PVC	Grey	
030 200	PVC	Black	
030 260	PVC	Black	
060 080	PVC	Grey	
130 240	PVC	Black	
			

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130 250	PVC	Grey	
230 500	PVC	Grey	
230 750	PVC	Grey	
330 150	PVC	Grey	

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