



SUMMARY

Wires

 Low
 18

 High
 0

 Coax
 0

 Triax
 0

 Quad
 0

Fiber 0 Fluidic 0

Series 3B

Termination type Male crimp

IP rating 50

Cable Ø 0.00 - 0.00 mm

Matching parts

Status active

Alternative part



Image is for illustrative purpose only

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Catalog

TECHNICAL DETAILS

Mechanics

Shell Style/Model EE*: Fixed receptacle, nut fixing (back panel mounting)

Keying 2 keys (gamma=70, 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 29.74 g

Performance

Configuration 3B.318: 18 Low Voltage
Insulator Y: PEEK for crimp contacts

Rated Current 7 Amps

Specifications

Contact Type: Crimp Max. Matings: 5000 Contact Retention: 30 N

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Contact Dia.: 0.9 mm (0.035in) Bucket Dia.: 1.1 mm (0.043in)

Min. Conductor: 0.25 mm² (AWG 24) Max. Conductor: 0.5 mm² (AWG 20)

R (max): 4.8 mOhm

Vtest (contact-shell): 1600 V (AC), 2250 V (DC) Vtest (contact-contact): 1850 V (AC), 2600 V (DC)

Others

Temp (min / max): -55° C / $+250^{\circ}$ C

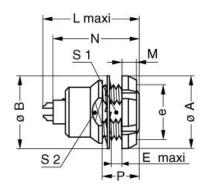
Humidity (max): <=95% [at 60 deg C /140 F]

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

	А	В	Е	L	М	N	Р	S1	S2	е
mm.	24	25	6.1	30.7	4.5	28.1	12	16.5	20	M18x1.0
in.	0,94	0,98	0,24	1,21	0,18	1,11	0,47	0,65	0,79	

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RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V

Crimp settings: AWG/Selector = 20-22-24/6-5-5

Positionner: DCE.91.093.BVC Extractor: DCF.91.093.5LT

Replacement contact: FGG.3B.560.ZZC

Cables

CMN.18.T22.080PGCE	PVC	GREY	
CMN.18.T22.080PGZE		Grey	>
CMN.18.T22.080PNCE	PVC	Black	
CMN.18.T22.080PNZE			
CMN.18.T30.048QGZE	TPR (medical)	Grey	
218 220	PVC	Black	
218 240	PVC	Black	
218 260	PVC	Black	
236 080	PVC	Grey	
318 200	PVC	Black	
318 250	PVC	Grey	