

SUMMARY



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Wires

Low	2
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.302.CYMD12
Status	active
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	EC*: Fixed receptacle with two nuts (back panel mounting)
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	28.19 g

Performance

Configuration	3B.302 : 2 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	35 Amps

Specifications

Contact Type: Crimp
Max. Matings: 5000
Contact Retention: 75 N

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Contact Dia.: 3 mm (0.118in)
 Bucket Dia.: 2.9 mm (0.114in)
 Min. Conductor: 2.5 mm² (AWG 14)
 Max. Conductor: 4 mm² (AWG 10)
 R (max): 3.1 mOhm
 Vtest (contact-shell): 1800 V (AC), 2550 V (DC)
 Vtest (contact-contact): 2300 V (AC), 3250 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.	24	25	9	30.7	4.5	28.1	16.5	22	M18x1.0
in.	0,94	0,98	0,35	1,21	0,18	1,11	0,65	0,87	









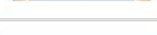



















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RECOMMENDED BY LEMO














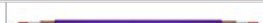











Tools

Crimp Tool: DPC.91.102.V
 Crimp settings: AWG/Selector = 10-12-14/3-1-1
 Positionner: DCE.91.303.BVCM
 Extractor: DCF.91.303.5LT
 Replacement contact: FGG.3B.580.ZZC

Cables

CMN.02.T12.078PGCE	PVC	GREY	
CMN.02.T12.078PGZE		Grey	
CMN.02.T12.078PNCE	PVC	Black	
CMN.02.T12.078PNZE		Black	
CMN.02.T14.072PGCE	PVC	GREY	
CMN.02.T14.072PGZE		Grey	
CMN.02.T14.072PNCE	PVC	Black	
CMN.02.T14.072PNZE		Black	
CMN.02.T14.072QGZE	TPR (medical)	Grey	
CMN.02.T14.078PGCE	PVC	GREY	
CMN.02.T14.078PGZE		Grey	
CMN.02.T14.078PNCE	PVC	Black	
CMN.02.T14.078PNZE			
CMN.02.T18.064UNCU			
CMN.02.T20.047PGCE	PVC	GREY	
CMN.02.T20.047PGZE		Grey	
CMN.02.T20.047PNCE	PVC	Black	
CMN.02.T20.047PNZE			
CMN.02.T20.048QGZE	TPR (medical)	Grey	
CMN.02.T22.047PGCE	PVC	GREY	
CMN.02.T22.047PGZE		Grey	
CMN.02.T22.047PNCE	PVC	Black	
CMN.02.T22.047PNZE			
CMN.02.T28.030PGCE	PVC	GREY	
CMN.02.T28.030PGZE		Grey	
CMN.02.T28.030PNCE	PVC	Black	
CMN.02.T28.030PNZE			
002 050	PVC	Black	
002 080	PVC	Grey	
002 200	PVC	Black	

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002 221 002 260	PVC PTFE	Black White	
002 280	PVC	Black	
004 082	PVC	Grey	
020 140	PVC	Grey	
020 140	PVC	Grey	
020 141	PVC	Grey	
020 142	PVC	Red	
020 143	PVC	Green	
020 144	PVC	Black	
020 145	PVC	Yellow	
020 146	PVC	Black	
020 240	PTFE	White	
020 260	PVC	Black	
020 264	PVC	Black	
020 266	PVC	Violet	
020 550	PUR	Black	
020 560	PUR	White	
102 080	PVC	Grey	
120 184	PVC	Black	
120 240	PVC	Black	
120 250	PVC	Grey	
120 500	PVC	Grey	
120 501	PVC	Grey	
120 751	PVC	Grey	
220 151	PVC	Grey	
220 750	PVC	Grey	
320 150	PVC	Grey	
CCX.50.RG1.74U30B	TFE	White	
CMB.02.210.635	PUR	Black	

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