



SUMMARY

Wires

 Low
 4

 High
 0

 Coax
 0

 Triax
 0

Quad 0

Fiber 0
Fluidic 0

Series 1B

Termination type Female crimp

IP rating 50

Cable Ø 0.00 - 0.00 mm

Matching parts FGA.1B.304.CYCD42

Status active

Alternative part



Image is for illustrative purpose only

Download

Request a quote

Catalog

TECHNICAL DETAILS

Mechanics

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

Keying 2 keys (alpha=30, plug: male contacts, receptacle: female 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 11.47 g

Performance

Configuration 1B.304 : 4 Low Voltage

Insulator Y: PEEK for crimp contacts

Rated Current 10 Amps

Specifications

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

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): 1800 V (AC), 2550 V (DC) Vtest (contact-contact): 1700 V (AC), 2400 V (DC)

Others

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

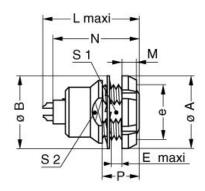
Humidity (max): <=95% [at 60 deg C /140 F]

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	E	L	М	N	Р	S1	S2	e
mm.	16	16	6.5	23	3.5	21.1	11	10.5	13	M12x1.0
in.	0,63	0,63	0,26	0,91	0,14	0,83	0,43	0,41	0,51	

RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V

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

Positionner: DCE.91.091.BVM Extractor: DCF.91.090.2LT

Replacement contact: EGG.1B.660.ZZM

Cables

CMN.04.T20.053PGCE	PVC	GREY	>
CMN.04.T20.053PGZE		Grey	▶ — €
CMN.04.T20.053PNCE	PVC	Black	>
CMN.04.T20.053PNZE			▶——€
CMN.04.T20.053QGZE	TPR (medical)	Grey	▶ — €
CMN.04.T22.047PGCE	PVC	GREY	>
CMN.04.T22.047PGZE		Grey	>
CMN.04.T22.047PNCE	PVC	Black	>
CMN.04.T22.047PNZE			>
CMN.04.T22.047QGC	TPR	Grey	
CMN.04.T22.048QGZE	TPR (medical)	Grey	> —€
CMN.04.T28.031PGCE	PVC	GREY	
CMN.04.T28.031PGZE		Grey	→
CMN.04.T28.031PNCE	PVC	Black	>
CMN.04.T28.031PNZE			>
CMN.04.T28.031QGC	TPR	Grey	
004 041	PVC	Grey	> €
004 050	PVC	Black	>
004 080	PVC	Grey	
004 220	PVC	Black	
004 221	PVC	Black	
004 260	PTFE	White	>====
004 280	PVC	Black	
040 080	PVC	Black	
040 086	PVC	Blue	
040 140	PVC	Black	- 5-E
040 240	PTFE	White	>====
040 260	PVC	Black	
080 080	PVC	Grey	
080 082	PVC	Red	

080-084 104-200	PVC PVC	Black Black	- KE
140 240	PVC	Black	- KE
140 250	PVC	Grey	
240 500	PVC	Grey	
240 750	PVC	Grey	
417 920	PVC	Grey	
CTR.75.030.121870G	PVC	Grey	>====