

SUMMARY

Wires

Low voltage 12



Image is for illustrative purpose only

Series	XB
Termination type	Female solder
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGG.XB.312.CLAD62Z

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TECHNICAL DETAILS

Mechanics

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

Keying

Housing Material Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces

Weight 14.32 g

Performance

Configuration XB.312 : 12 Low Voltage

Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current

Specifications

Contact Type: Solder

Contact Dia.: 0.7 mm (0.028in)

Bucket Dia.: 0.8 mm (0.031in)

Max. Solid Conductor: 0.34 mm² (AWG 22)

Max. Stranded Conductor: 0.34 mm² (AWG 22)

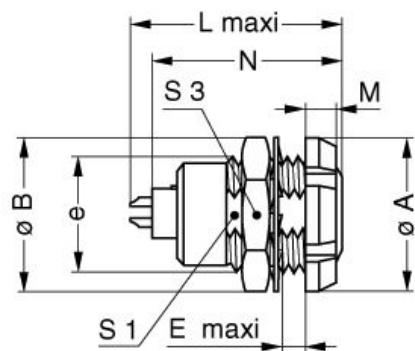
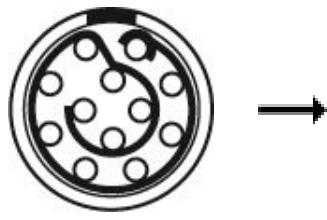
R (max): 6.1 mOhm

Others

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Endurance (Shell): 5000
 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]
 Climatical Category: 50/175/21
 Shielding (min): 75 dB (10 MHz)
 Shielding (min): 40 dB (1 GHz)
 Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	B	E	L	M	N	S1	S3	e
mm.	18	19	6.0	23.5	3.5	20.0	12.5	17	M14x1.0
in.	0,71	0,75	0,24	0,93	0,14	0,79	0,49	0,67	

RECOMMENDED BY LEMO

Tools

Cables

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CMN.12.T22.070QGZE	TPR (medical)	Grey	
CMN.12.T28.054PGZE		Grey	
CMN.12.T28.054PNZE			
112240	PTFE	White	
112260	PTFE	White	
112280	PVC	Black	
12050	PVC	Black	
124080	PVC	Grey	
124084	PVC	Black	
212220	PVC	Black	
212240	PVC	Black	
212250	PVC	Grey	
212260	PVC	Black	

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