

SUMMARY

Wires

Low voltage 4



Image is for illustrative purpose only

Series	2B
Termination type	Female solder
IP rating	50
AWG wire size	28.00 - 20.00
Cable Ø	3.10 - 4.00 mm
Status	obsolete
Alternative part	PHG.2B.304.CLLD42Z
Matching parts	FGG.2B.304.CLAM42

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PH*: Free receptacle, cable collet and nut for fitting a bend relief
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
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
Variant	Z : Nut for fitting a bend relief

Performance

Configuration	2B.304 : 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	15 Amps

Specifications

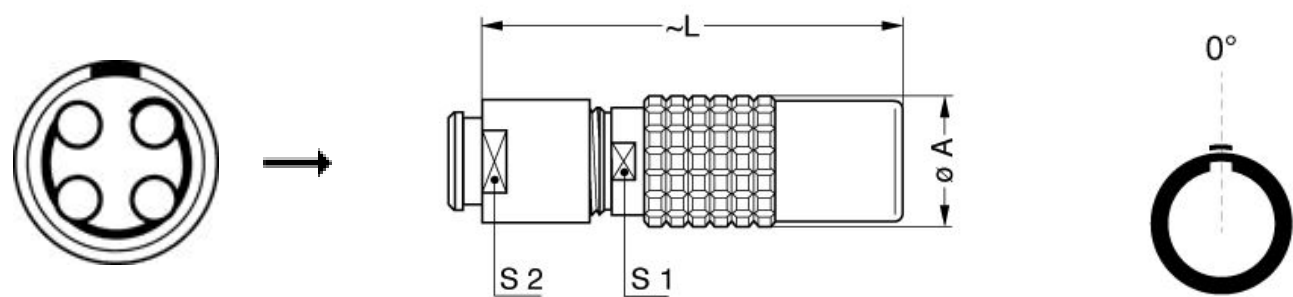
Contact Type:	Solder
Contact Dia.:	1.3 mm (0.051in)
Bucket Dia.:	1 mm (0.039in)
Max. Solid Conductor:	0.5 mm ² (AWG 20)
Max. Stranded Conductor:	0.5 mm ² (AWG 20)
R (max):	3.6 mOhm
Vtest (contact-shell):	1850 V (AC), 2600 V (DC)
Vtest (contact-contact):	1850 V (AC), 2600 V (DC)

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Others

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	L	S1	S2
mm.	16.5	46	13	12
in.	0,65	1,81	0,51	0,47




RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.2B.025.PA120](#)

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Cables

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	
40080	PVC	Black	
40086	PVC	Blue	
40140	PVC	Black	
40240	PTFE	White	
4260	PTFE	White	

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