

## SUMMARY

### # Wires

Low voltage 2



*Image is for illustrative purpose only*

Series	00
Termination type	Male crimp
IP rating	50
AWG wire size	32.00 - 28.00
Cable Ø	1.40 - 2.20 mm
Status	active
Matching parts	<a href="#">EGG.00.302.CYM</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FG*: Straight plug, cable collet
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
Weight	4.58 g

### Performance

Configuration	00.302 : 2 Low Voltage
Insulator	
Rated Current	3.5 Amps

### Specifications

Contact Type:	Crimp
Contact Dia.:	0.5 mm (0.02in)
Bucket Dia.:	0.45 mm (0.02in)
Min. Conductor:	0.09 mm <sup>2</sup> (AWG 28)
Max. Conductor:	0.035 mm <sup>2</sup> (AWG 32)
R (max):	8.7 mOhm
Vtest (contact-shell):	1200 V (AC), 1700 V (DC)
Vtest (contact-contact):	1150 V (AC), 1630 V (DC)

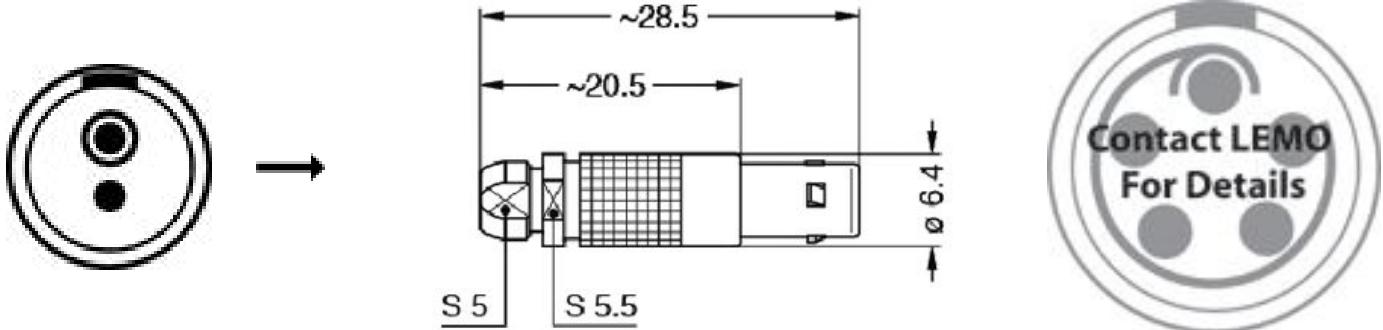
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## Others

Salt Spray Corrosion: >1000 hr

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## DRAWINGS



## Dimensions

	A	L	M	S1	S2
mm.	6.4	28.5	20.5	5.5	5
in.	0,25	1,12	0,81	0,22	0,20

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## RECOMMENDED BY LEMO

### Tools

Crimp Tool:	<a href="#">DPC.91.701.V</a>
Crimp settings:	AWG/Selector = 28-30-32/4-3-3
Positionner:	<a href="#">DCE.91.050.0VC</a>
Extractor:	<a href="#">DCF.91.050.2LT</a>
Replacement contact:	FGG.00.554.ZZC
Caps:	<a href="#">BFG.00.100.PCSG</a>

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## Cables

20550	PUR	Black	
20560	PUR	White	
CMB.02.210.635	PUR	Black	

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