

## SUMMARY

### # Wires

Low voltage 4

Series 1S

Termination type Female solder

IP rating 50

AWG wire size 30.00 - 22.00

Cable Ø 4.20 - 5.20 mm

Status active

Matching parts [FFA.1S.304.CLAC52](#)



Image is for illustrative purpose only

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勝特力材料 886-3-5753170  
勝特力电子(上海) 86-21-34970699  
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[Http://www.100y.com.tw](http://www.100y.com.tw)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model PCA\*: Free receptacle, cable collet

Keying Hermaphroditic keying (half moon insert) with female pin 1

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 19.79 g

### Performance

Configuration 1S.304 : 4 Low Voltage

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

Rated Current 10 Amps

### Specifications

Contact Type: Solder

Contact Dia.: 0.9 mm (0.0354in)

Bucket Dia.: 0.8 mm (0.031in)

Max. Solid Conductor: 0.34 mm<sup>2</sup> (AWG 22)

R (max): 4.8 mOhm

Vtest: 1200 V (AC), 1800 V (DC)

Air clearance min.: 1.1 mm

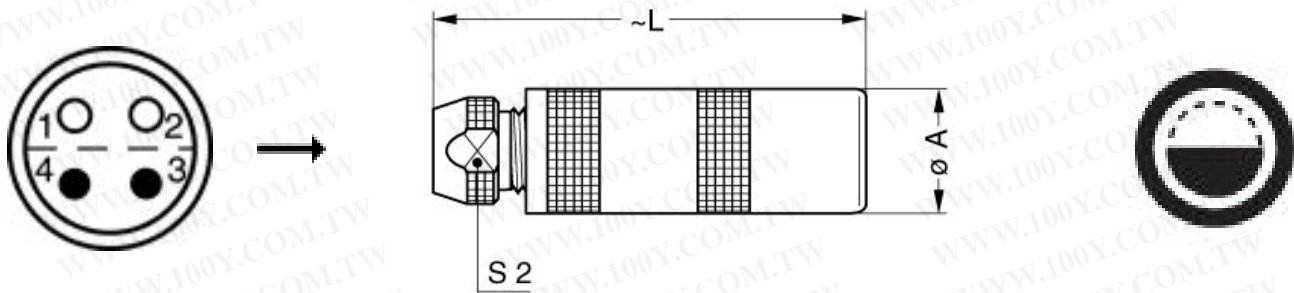
Creepage distance min.: 1.1 mm

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## Others

Endurance (Shell): 5000 mating cycles  
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: >144 hr

## DRAWINGS



## Dimensions

	A	C	L	S2
mm.	11.9	6.2	40.5	8.5
in.	0,47	0,24	1,59	0,33






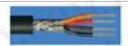
## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCD.1S.015.PA085](#)

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## Cables

CMN.04.T22.047QGC	TPR	Grey	
CMN.04.T22.048QGZE	TPR (medical)	Grey	
140240	PVC	Black	
140250	PVC	Grey	
40260	PVC	Black	
4080	PVC	Grey	
4221	PVC	Black	
4280	PVC	Black	
80080	PVC	Grey	
80082	PVC	Red	
80084	PVC	Black	

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