

SUMMARY

Wires

Low voltage 4



Image is for illustrative purpose only

Series	2S
Termination type	Female solder
IP rating	50
AWG wire size	20.00 - 20.00
Cable Ø	1.30 - 10.50 mm
Status	active
Matching parts	FFA.2S.304.CKAC52Z

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	ERA*: Fixed receptacle, nut fixing
Keying	Hermaphroditic keying (half moon insert) with female pin 1
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Weight	13.37 g

Performance

Configuration	2S.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:	1700 V (AC), 2400 V (DC)

Others

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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: >1000 hr

DRAWINGS

Draws



Dimensions

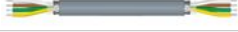
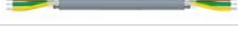
	A	B	E	L	M	S1	S3	e
mm.	18	19.6	8.5	24.5	1.8	13.5	17	M15x1.0
in.	0.71	0.77	0.33	0.96	0.07	0.53	0.67	

RECOMMENDED BY LEMO

Tools

Cables

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CMN.04.T20.053PGCE	PVC	GREY	
CMN.04.T20.053QGZE	TPR (medical)	Grey	
CMN.04.T22.047PGCE	PVC	GREY	
CMN.04.T22.047PNCE	PVC	Black	
CMN.04.T28.031PGCE	PVC	GREY	
CMN.04.T22.048QGZE	TPR (medical)	Grey	
CMN.04.T20.053PGZE		Grey	
CMN.04.T20.053PNCE	PVC	Black	
CMN.04.T20.053PNZE			
CMN.04.T22.047PGZE		Grey	
CMN.04.T22.047PNZE			
CMN.04.T22.047QGC	TPR	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	
040 240	PTFE	White	
040 260	PVC	Black	
080 080	PVC	Grey	
080 082	PVC	Red	
080 084	PVC	Black	
104 200	PVC	Black	
140 240	PVC	Black	
140 250	PVC	Grey	
240 500	PVC	Grey	
240 750	PVC	Grey	
CTR.75.030.121870G	PVC	Grey	

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