

SUMMARY

Wires

Low	10
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



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Series	2S
Termination type	Female solder
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	FFA.2S.310.CLAC32

TECHNICAL DETAILS

Mechanics

Shell Style/Model	EWB*: Fixed receptacle, nut fixing, with two flats on the flange, watertight or vacuum-tight
Keying	Hermaphroditic keying ("half moon" insert), plug has male pin 1
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	Ø 0 - 0 mm
Variant	PV : Watertight / Vacuum-tested

Performance

Configuration	2S.310 : 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	7 Amps

Specifications

Contact Type:	Solder
Max. Matings:	5000
Contact Dia.:	0.9 mm (0.0354in)
Bucket Dia.:	0.8 mm (0.031in)
Max. Solid Conductor:	0.34 mm ² (AWG 22)
R (max):	4.8 mOhm
Vtest:	800 V (AC), 1200 V (DC)

Others

- Endurance (Shell): 5000 mating cycles
- Temp (min / max): -20° C / +80° C
- Humidity (max): <=95% [at 60 deg C /140 F]
- Vibration: 15 g [10 Hz - 2000 Hz]
- Shock Resistance: 100 g [6 ms]
- Salt Spray Corrosion: >144 hr
- Climatical Category: 20/80/21
- Shielding (min): 75 dB (10 MHz)
- Shielding (min): 40 dB (1 GHz)
- R leak (He) (max): 0.0000001 mbar*l/s (if vacuum-tested)
- Pressure: 40 bars
- IP Rating: 68

DRAWINGS

Draws



Dimensions

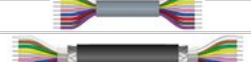
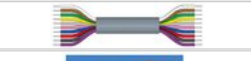
	A	B	E	L	M	S1	S3	S4	e
mm.	20	21.8	17	28	4	14.5	19	16	M16x1.0
in.	0,79	0,86	0,67	1,10	0,16	0,57	0,75	0,63	

RECOMMENDED BY LEMO

Tools

None

Cables

CMN.10.T22.068PGCE	PVC	GREY	
CMN.10.T22.068PGZE		Grey	
CMN.10.T22.068PNCE	PVC	Black	
CMN.10.T22.068PNZE			
CMN.10.T22.068QGC			
CMN.10.T22.068QGZE	TPR (medical)	Grey	
CMN.10.T28.052PGCE	PVC	GREY	
CMN.10.T28.052PGZE		Grey	
CMN.10.T28.052PNCE	PVC	Black	
CMN.10.T28.052PNZE			
CMN.10.T28.053QGZE	TPR (medical)	Grey	
110 220	PVC	Black	
110 240	PTFE	White	
110 260	PTFE	White	
110 280	PVC	Black	
210 140	PVC	Grey	
210 240	PVC	Black	
210 250	PVC	Grey	
210 260	PVC	Black	