

## Excellent Integrated System Limited

Stocking Distributor

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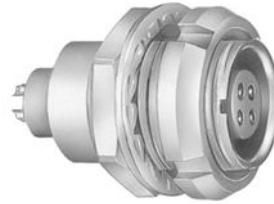
For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

## SUMMARY

### # Wires

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

Series	3B
Termination type	Male solder
IP rating	50
Cable Ø	0.00 - 0.00 mm
Matching parts	xxx



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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	EC*: Fixed receptacle with two nuts (back panel mounting)
Keying	2 keys (alpha=37.5, plug: female contacts, receptacle: male contacts)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	∅ 0 - 0 mm
Variant	

### Performance

Configuration	3B.310 : 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	12 Amps

### Specifications

Contact Type:	Solder
Max. Matings:	5000
Contact Dia.:	1.3 mm (0.051in)
Bucket Dia.:	1 mm (0.039in)
Max. Solid Conductor:	0.5 mm <sup>2</sup> (AWG 20)
Max. Stranded Conductor:	0.5 mm <sup>2</sup> (AWG 20)
R (max):	3.6 mOhm
Vtest (contact-shell):	900 V (AC), 1270 V (DC)

Vtest (contact-contact): 1250 V (AC), 1770 V (DC)

### Others

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]  
 Salt Spray Corrosion: >1000 hr  
 Climatical Category: 50/175/21  
 Shielding (min): 75 dB (10 MHz)  
 Shielding (min): 40 dB (1 GHz)  
 IP Rating: 50

## DRAWINGS

### Draws



### Dimensions


	A	B	E	L	M	N	S1	S3	e
mm.	24	25	9	30.7	4.5	28.1	16.5	22	M18x1.0
in.	0,94	0,98	0,35	1,21	0,18	1,11	0,65	0,87	






















## RECOMMENDED BY LEMO

### Tools

None

### Cables

CMN.10.T20.080PGCE	PVC	GREY	
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CMN.10.T20.080PGZE		Grey	
CMN.10.T20.080PNCE	PVC	Black	
CMN.10.T20.080PNZE			
CMN.10.T20.080QGC	TPR	Grey	
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	
210 200	PVC	Black	
210 240	PVC	Black	
210 250	PVC	Grey	
210 260	PVC	Black	