

SUMMARY



Image is for illustrative purpose only

Wires

Low	48
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

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Series	5E
Termination type	Female solder
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	FFA.5E.348.CLAC10
Status	active
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	ERA*: Fixed receptacle, nut fixing
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	∅ 0 - 0 mm
Variant	
Weight	261.07 g

Performance

Configuration	5E.348 : 48 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	6 Amps

Specifications

Contact Type:	Solder
Max. Matings:	5000
Contact Dia.:	1.3 mm (0.051in)

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Bucket Dia.: 1 mm (0.039in)
 Max. Solid Conductor: 0.5 mm² (AWG 20)
 Max. Stranded Conductor: 0.5 mm² (AWG 20)
 R (max): 3.6 mOhm
 Vtest: 1200 V (AC), 1700 V (DC)

Others

Endurance (Shell): 5000 mating cycles
 Temp (min / max): -55°C / +200°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): 95 dB (10 MHz)
 Shielding (min): 80 dB (1 GHz)
 IP Rating: 68

DRAWINGS

Draws



Dimensions

	A	B	E	L	M	S1	e
mm.	55	54	10	44.5	9	42.5	M45x1.5
in.	2,17	2,13	0,39	1,75	0,35	1,67	



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RECOMMENDED BY LEMO

Tools

None

Cables

448 240	PVC	Black	
448 260	PVC	Black	

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