

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low	0
High	0
Coax	1
Triax	0
Quad	0
Fiber	0
Fluidic	0

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Series	1E
Termination type	Female solder
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	FFA.1E.275.CLAC15
Status	active
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	HGP*: Fixed receptacle, nut fixing, watertight or vacuum-tight
Keying	Circular (can rotate), plug has male contact(s)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	∅ 0 - 0 mm
Variant	P : Watertight
Weight	21.65 g

### Performance

Configuration	1E.275 : 1 Coax (75 Ohm)
Insulator	T: PTFE
Rated Current	10 Amps

### Specifications

Contact Type: Solder  
Vtest: 2400 V (AC), 3300 V (DC)

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Impedance: 75 Ohm

VSWR:  $1.02 + 0.08 * f/\text{GHz}$

Cable type: RG 179 B/U, RG 187 A/U, RG 58 C/U, RG 302 /U, RG 400 /U, 2YCCY, RG 59 B/U, RG 223 /U, HF-5408

## Others

Endurance (Shell): 5000 mating cycles

Temp (min / max):  $-20^{\circ}\text{C} / +100^{\circ}\text{C}$

Humidity (max):  $\leq 95\%$  [at  $60^{\circ}\text{C} / 140^{\circ}\text{F}$ ]

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): 95 dB (10 MHz)

Shielding (min): 80 dB (1 GHz)

Pressure: 60 bars

IP Rating: 68

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## DRAWINGS

### Draws



### Dimensions

	A	B	E	L	M	S1	S3	e
mm.	20	21.5	9	29.1	4.5	14.5	19	M16x1.0
in.	0,79	0,85	0,35	1,15	0,18	0,57	0,75	

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## RECOMMENDED BY LEMO

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## Tools

None

## Cables

CCN.50.051.1529NMC			
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