

# HEN.3M.330.CLNP

## **SUMMARY**

#### # Wires

Low voltage 30

Image is for illustrative purpose only

Series 3M

**Termination type** Female print PCB

IP rating 68

AWG wire size 30.00 - 22.00

Cable Ø 0.00 - 0.00 mm

**Status** active

Matching parts FGN.3M.330.CLC

### **Download**

Request a quote
PCB Eagle Pattern
PCB Altium Pattern
PCB KiCad Pattern

Catalog

### **TECHNICAL DETAILS**

#### Mechanics

Shell Style/Model HE\*: Fixed receptacle, nut fixing for printed circuit, watertight

**Keying** 3 keys (beta=165, gamma=30, plug: male contacts, receptacle: female contacts)

Housing Material

Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290]

brass latch sleeve and mid pieces

Variant P: Watertight

Weight 11.45 g

### Performance

Configuration 3M.330: 30 Low Voltage

Insulator L: PEEK
Rated Current 3.5 Amps

### **Specifications**

Contact Type: Print (straight)
Contact Dia.: 0.7 mm (0.028in)

R (max): 6.1 mOhm

Test voltage (kV rms) Contact-contact: 1.10 Test voltage (kV rms) Contact-shell: 1.00

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### **Others**

Endurance (Shell): 3000 mating cycles Temp (min / max): -20°C / +80°C Humidity (max): 21 days at 95%

Gunfire vibration: 25 Hz - 2000 Hz, 3 axis (Apache helicopter)

Vibration-Sine: 30 g, 3 axes, 12 hr [10 Hz - 2000 Hz]

Vibration-Random: 37.8 g rms - 3 axes, 4 hr amb [50 Hz - 2000 Hz]

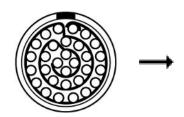
Shock Resistance: 300 g [ 3 ms]

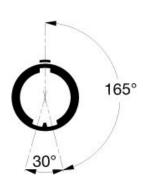
Lighting strike EIA 364-75: 10K amps - 6 times Thermal shock: 5 cycles: -65°C to +150°C

EMI Shielding EIA 364-66A: >= 80 dB (1 GHz), >= 70 dB (3 GHz), >= 58 dB (6 GHz), >= 40 dB (10 GHz)

Salt Spray Corrosion: >1000 hr

# **DRAWINGS**





# **RECOMMENDED BY LEMO**

#### **Tools**

Spanner wrench: DCM.65.000.4PA

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