# **Technical Data Sheet**



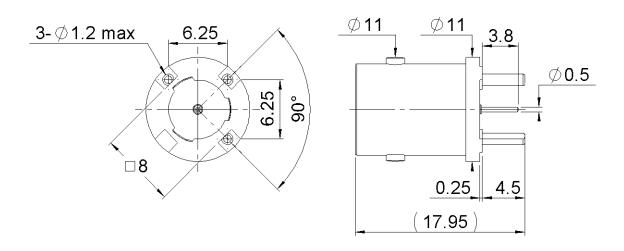


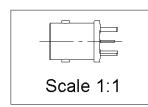
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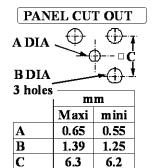
ISSUE **03-03-17B** 

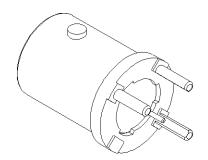
SERIES BNC 75 HDTV

## PART NUMBER **R142500740**









All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μm)
Body	ZAMAK	NICKEL .
Center contact	BERYLLIUM COPPER	GOLD OVER NICKEL
Outer contact		
Insulator	PTFE	
Gasket		
Others parts		
-	-	-
-	-	-

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STRAIGHT JACK RECEPTACLE FOR PCB SOLDER LEGS

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#### **PACKAGING**

60	Contact us	Contact us
Standard	Unit	Other

### **ELECTRICAL CHARACTERISTICS**

 $\begin{array}{ccc} \text{Impedance} & \textbf{75} & \Omega \\ \text{Frequency} & \textbf{DC-12} & \text{GHz} \end{array}$ 

x F(GHz) Maxi **VSWR** \*1.05 0.0350 √F(GHz) dB Maxi - F(GHz)) dB Maxi Insertion loss 0.1\* -57\*\* RF leakage - ( Voltage rating 500 Veff Maxi Dielectric withstanding voltage 1500 Veff mini Insulation resistance 5000  $M\Omega$  mini

#### **MECHANICAL CHARACTERISTICS**

Center contact retention

 Axial force – Mating End
 18
 N mini

 Axial force – Opposite end
 10
 N mini

 Torque
 NA
 N.cm mini

Recommended torque

Mating NA N.cm Panel nut NA N.cm

Mating life 500 Cycles mini Weight 3.5800 g

### **ENVIRONMENTAL**

Operating temperature -65/+165 °C
Hermetic seal NA Atm.cm3/s
Panel leakage NA

### **SPECIFICATION**

#### **OTHER CHARACTERISTICS**

Assembly instruction:NA

Others:

Data speed rate up to 12.5 Gb/s \*Coaxial Transmission Line Only \*\*Interface only

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STRAIGHT JACK RECEPTACLE FOR PCB SOLDER LEGS



SERIES BNC 75 HDTV PAGE 3/3 ISSUE **03-03-17B** PART NUMBER **R142500740** 139.0--113.1 20.1±1.0 F23,5±1,0 150x9,110) 14.0-10,5 3.0

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