

# 364 Series

## Dual BNC Right-Angle Jack PCB Connectors



#### **Product Description**

Winchester's Bomar brand 364 Series Dual BNC Right-Angle PCB Jack Connectors are ideal for high-density applications in a wide range of industries including Broadcast, Telecommunications, Test and Measurement, Security, and Medical.

Dual BNC Right-Angle Connectors feature two "vertically stacked" BNC Jack Connectors and consume 50% less PCB real estate as compared to two right-angle connectors mounted side by side.

The 364 Series Dual BNC PCB Jack Connectors are available in 50 Ohm and 75 Ohm impedance in both isolated or panel-ground versions.

Isolated BNC Jacks are made with black or white UL 94V-0 PBT Thermoplastic material.

Panel-ground Dual BNC Jacks feature a nickel-plated Zinc die-cast body and are available with or without a metal shield cover.



 Dual BNC Right-Angle Connectors consume 50% less PCB real estate as compared to two right-angle connectors mounted side by side.



 Snap-in board locks secure connectors to the PCB prior to soldering and prevent the connectors from lifting or leaning out of position during production assembly.



 Panel-ground Jacks are available with or without a rear metal cover which provides EMI shielding as well as protecting the contacts from contaminants.



### **Specifications**

Electrical

 $\begin{array}{ll} \text{Impedance:} & 50\Omega\,/\,75\Omega\;\text{Ohms} \\ \text{Frequency Range:} & 50\Omega\;\text{DC} - 1\;\text{GHz} \\ \hline 75\Omega\;\text{DC} - 1\;\text{GHz} \end{array}$ 

Working Voltage: 500 VRMS at Sea Level

Dielectric

Withstanding Voltage: 1500 VRMS at Sea Level Contact Resistance: Center Contact: ≤ 3 Milliohms

Insulation Resistance: 5000 Megohms Min

Insertion Loss: 0.2dB Max

Environmental

Temperature Range: - 40° C to +165° C

Material

BNC Barrel: Zinc Nickel Plated Female Contact: Phosphor Bronze Gold Plated

Insulator: Polypropylene

Mechanical

Center Contact Retention: $\geq$  6 lbs.Engagement Force: $\leq$  5 lbs.Disengagement Force: $\geq$  1.5 lbs.

Durability (Mating): 500 Cycles Min









Photo 1 Photo 2 Photo 3 Photo 4

#### **Part Numbers**

Bomar Part Number	Description	Impedance	Body Material	Color	Photo
364A2595*	Dual Right-Angle PCB, Isolated	50 Ohm	Valox	White	1
364A2595B*	Dual Right-Angle PCB, Isolated	50 Ohm	Valox	Black	2
364M2595*	Dual Right-Angle PCB, Panel-Ground	50 Ohm	Zinc	Nickel Plated	3
364M2595FS*	Dual Right-Angle PCB, Panel-Ground Back Cover (Full Shield)	50 Ohm	Zinc	Nickel Plated	4
364A2795*	Dual Right-Angle PCB, Isolated	75 Ohm	Valox	White	1
364A2795B*	Dual Right-Angle PCB, Isolated	75 Ohm	Valox	Black	2
364M2795*	Dual Right-Angle PCB, Panel-Ground	75 Ohm	Zinc	Nickel Plated	3
364M2795FS*	Dual Right-Angle PCB, Panel-Ground, Back Cover (Full Shield)	75 Ohm	Zinc	Nickel Plated	4

<sup>\*</sup>Mounting Hardware Sold Separately

Lock washer: 364LW Hex Nut: 364NT Spanner Nut: 364KNT Spanner Wrench: BD36400





