**PERFORMANCE**

Nominal Impedance : 50 Ohms  
Frequency Range : 0 - 12 GHz  
Voltage Rating : 1000 V(rms)  
Insulation Resistance : 5000 Megohms  
DW Voltage : 1500 V (rms)  
Insertion Loss (max) : 0.17 dB max @ 12 GHz  
Insertion Loss : $0.05\sqrt{F}$ (GHz)  
Temperature Rating : -65° to +165° C  

**CONSTRUCTION**

Materials:  
Body  
Brass, ASTM-B16,  
Alloy UNS 36000, H02  
Outer Contact  
Beryllium Copper, ASTM-B196,  
Alloy UNS C17300  
Cable Contact  
Brass, ASTM-B16,  
Alloy UNS 36000, H02  
Ferrule  
Brass, ASTM-B16,  
Alloy UNS 36000, Dead Soft, Or Copper, ASTM-B152,  
Alloy C12200  
Dielectric  
TFE Fluorocarbon, ASTM-D1710, Type 1, Grade 1  
Gasket  
Silicone Rubber  

Finish:  
Body, Ferrule  
Nickel  
Center Contact  
Gold  

**APPLICABLE STANDARDS**

MIL-STD 348, MIL-PRF-39012  

Notes:  
1) A 1.5" piece of Raychem ATUM heat shrink  
P/N ATUM-12/3-0 provided with connector for purpose of strain relief & moisture protection.  
2) Please refer to T-1501XX Termination Instruction sheet for strip dimensions & instructions.