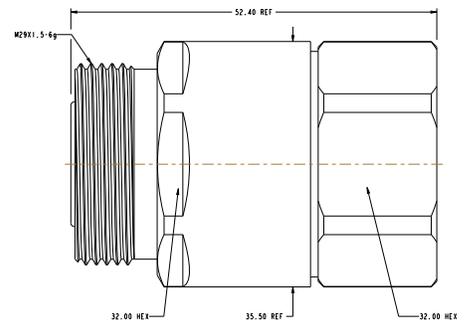
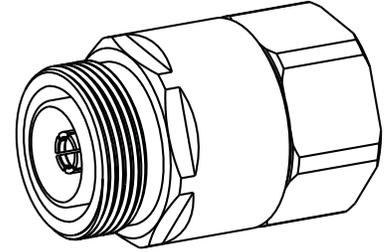


AC-78ST-DF-MM

7/16-DIN Female Connector for 7/8" Standard Coaxial Cable

General Characteristics		
Interface	7/16-DIN Female	
Body Style	Straight	
Cable Size	7/8"	
Cable Type	Standard Coaxial Cable	
Electrical Characteristics		
Operating Frequency Range	DC-3 GHz	
Impedance	50Ω	
VSWR (max)	1.10	
PIM (min)	-159 dBc	
Contact Resistance (max)	Inner Conductor	0.8 mΩ
	Outer Conductor	0.2 mΩ
Insulation Resistance (min)	10,000 mΩ	
Screen Efficiency (min)	110 dB	
Work Voltage	2700 V	
Mechanical Characteristics		
Retention (min)	5.88 N	
Mechanical Wear (hypo-)	500	
Tensile Force (Cable Connect)	500 N	
Torsion (Cable Connect)	5 N·m	
Environmental Characteristics		
Operating Temperature	-40° to +85° C	
Thermal Shock	US MIL-STD 202, Method 107, Condition B	
Vibration	US MIL-STD 202, Method 204, Condition B	
Shock	US MIL-STD 202, Method 213, Condition I	
Weather Standard	IEC 60068 40 / 085 / 21	
Waterproofing Standard	IP68	
RoHS Compliant	Yes	
Material Characteristics	Material	Plating
Connector Head	Brass	Trimetal Alloy Plated
Connector Back	Brass	Nickel Plated
Inner Conductor	Spring Copper	Silver Plated
O-Ring	Silicone Rubber	---
Insulation	TPX	PTFE



Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.