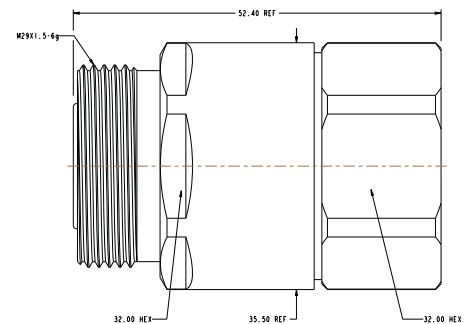
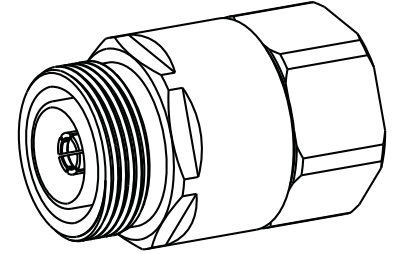


AC-78ST-DF-MM

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.