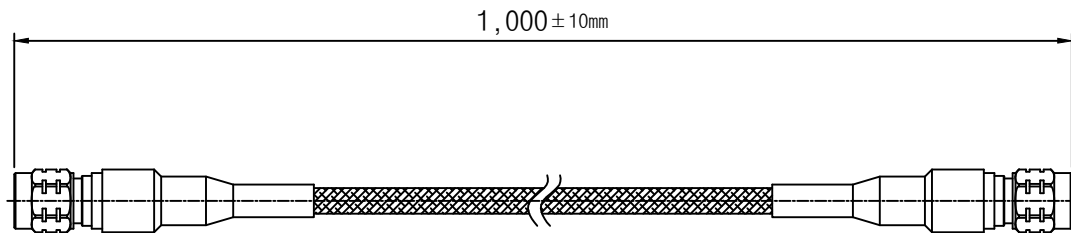
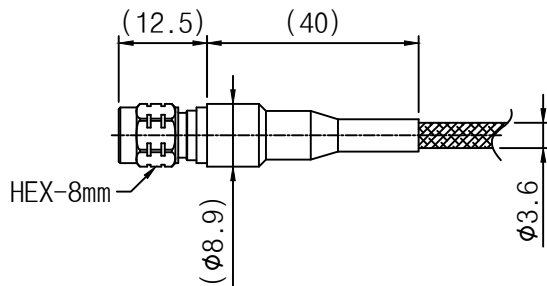


Rev. No	Description	E.C.O	Date



Connector P/N : V(M)\_ST67\_01



Cable P/N : 5A67D

Specifications	Materials(Cable)
MIL-C-17 : Cable MIL-PRF-39012 : Connectors MIL-G-45204 : Gold Plating, Electrodeposited MIL-I-23053 : Insulation Sleeving etc. MIL-P-46179 : Plastic Molding etc. MIL-R-46198 : Resin, Polyimide etc.	1. Cable Center Conductor Solid SPC (ASTM B 298) 2. Cable Dielectric Low Density PTFE in accordance with the applicable paragraph of MIL C 17 3. Cable Inner Shield SPC Flat Wire (ASTM B 298) 4. Cable Outer Shield SPC Round Wire (ASTM B 298) 5. Cable Jacket Ruggedized Aramid Yarn
Military Standards	
MIL-STD-202 : Test Method MIL-STD-810 : Test Method for Environmental MIL-STD-1344 : Test Method for Connectors	
Materials(Connector)	Cable Constriction
1. Body Stainless Steel (ASTM A 582), Passivated Brass (C3604)(ASTM B 16), Au Plated 2. Center Conductor BeCu (C1720)(ASTM B 196), Au Plated 3. Insulator PEI0113 (ASTM D 5205) 4. Coupling Nut Stainless Steel (ASTM A 582), Passivated	 2nd Jacket Jacket 1st Shield Center conductor
Insertion loss graph(Cable)	Electrical Characteristics (Cable)
<p>Insertion Loss per meter[m] Cable : 5A67D</p> <p>Insertion Loss per feet[FT] Cable : 5A67D</p>	<ol style="list-style-type: none"> <li>Impedance : 50 Ohm</li> <li>Capacitance : 88 pF/m, 26.8 pF/ft</li> <li>Velocity of Propagation : 77 %</li> <li>Delay : 4.34 ns/m, 1.32 ns/ft</li> <li>Insertion Loss : -6.40dB/m @67GHz Typ. -6.60dB/m @67GHz Min.</li> <li>RF Leakage : -100dB</li> </ol>
	Mechanical Characteristics (Cable)
	<ol style="list-style-type: none"> <li>Minimum Bend Radius : 20mm</li> <li>Temperature Range : -50°C / +135°C</li> <li>Weight Nominal : 34.1 g/m</li> </ol>
	Electrical Characteristics (Connector)
	<ol style="list-style-type: none"> <li>Impedance : 50 Ohm</li> <li>Frequency : DC to 67GHz</li> <li>VSWR : 1.30 : 1 @67GHz Typ. 1.40 : 1 @67GHz Max.</li> <li>Insertion Loss : -0.20dB/EA @67GHz</li> <li>RF Leakage : -100dB</li> </ol>



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Common Tolerance	Ass'y Name	1.85mm(M) for 5A67D			Ass'y No.	V(M)_ST67_01-5A67D-V(M)_ST67_01-1.0M			Size	-	Date	-	Name	Signature
	Seismic Center	Group 1	Group 2	Group 3	Drawing No.				Material	-	Approved By	JM_PARK		
		Entry	X	X.X	X.XX	Scale	N/S	Revision No.	Rev.0	Plate	-	Checked By	SJ_AHN	
		Tolerance	±0.3	±0.2	±0.1	Projection		Sheet Size	A4	General External	-	Designed By	JH_KANG	
Concentric	Angle	±3.0°	±2.0°	±1.0°	Unit	mm	Sheet	1 of 1						