



Applicable standard		-			
Rating	Operating temperature range	-20°C to 60°C	Storage temperature range	-40°C to 60°C (At packing)	
	Applicable cable	GI(50/125),OM3,4mm dia,12 fibers			
Specifications					
Item		Test method	Requirements	QT	AT
Construction					
General examination	Visually and measuring instrument.		According to drawing.	X	X
Marking	Confirmed visually.				
Optical characteristics					
Insertion Loss	Measurement at wavelength 850nm(LED).		0.75 dB max.	X	-
Mechanical characteristics					
Mating durability	Insertion and extraction number:5000		1. Insertion Loss: 0.75dB max. 2. No breakage ,crack or looseness on components	X	-
Vibration	Time : 2 hours in each direction Direction : 3 orthogonal axis Amplitude : Full width 1.5 mm Frequency range: From 10 to 55 Hz.				
Shock	Number of times : 10 times in each direction Direction : 3 orthogonal axis Acceleration : 981 m/s² Duration of shock pulse : 6 ms in half sine wave.				
Environmental characteristics					
Temperature and humidity cycling	Humidity : 90 to 96% Temperature : -10 to +65°C Time : 240 hours (10 cycles)		1. Insertion Loss: 0.75dB max. 2. No breakage ,crack or looseness on components	X	-
Temperature cycling	Temperature : -40 to +75 °C , 42 cycles Time of a cycle: 8h (TELCORDIA GR-326-CORE)				
Resistance to dry heat	Temperature : +85°C for 240 hours				
Resistance to cold	Temperature : -40°C for 240 hours				
Salt mist	Salt mist:5% ,Time:48 hours		No heavy corrosion ruins the function.	X	-
Water resistance	Put the product under water for 1 min, with air pressure 4.9 kPa		No air leakage	X	-
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
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REMARK			APPROVED	MT. SHIBUTANI	18. 03. 24
			CHECKED	FS. YOSHIDA	18. 03. 23
			DESIGNED	TY. SATO	18. 03. 23
			DRAWN	SR. TOYOKAWA	18. 03. 13
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-381515-00-00
	SPECIFICATION SHEET		PART NO.	MF11BMT-WP4CA02	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL709-7045-0-00	 1/1