



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),OM3,4 mm dia,24 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).		1.5 dB max.(0.75dB*2)	X	—
mechanical characteristics					
Mating durability	Insertion and extraction number:5000		1. Insertion Loss: 1.5dB max.(0.75dB*2) 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.			X	—
Shock	Number of times : 10 times in each direction Direction : 3 orthogonal axis Acceleration : 981 m/s ² Duration of shock pulse : 6 ms in half sine wave.			X	—
Environmental characteristics					
Temperature and humidity cycling	Humidity : 90 to 96% Temperature : -10 to +65°C Time : 240 hours (10 cycles)		1. Insertion Loss: 1.5dB max.(0.75dB*2) 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)			X	—
Resistance to dry heat	Temperature : +85°C for 240 hours			X	—
Resistance to cold	Temperature : -40°C for 240 hours			X	—
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
0					
REMARK A product corresponding to RoHS.			APPROVED	MT. SHIBUTANI	16. 09. 23
			CHECKED	YY. HIYAMA	16. 09. 23
			DESIGNED	TY. SATO	16. 09. 23
			DRAWN	TY. SATO	16. 09. 23
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-179816-00-00
	SPECIFICATION SHEET		PART NO.	MF11-2P24M-01-2M	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL709-7104-0-00	 1/1