

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,24 fibers			
Specifications					
Item		Test method		Requirements	QT AT
Construction					
General examination	Visually Inspection and Measuring Instrument. $\Delta$		According to drawing.		X X
Marking	Confirmed visually.				
Optical characteristics					
Insertion Loss	Measurement at wavelength 850nm(LED).		0.75 dB max. (Per contact point) $\Delta$		X -
Mechanical characteristics					
Mating durability	Insertion and extraction number:5000		$\Delta$ 1. Insertion Loss: 0.75dB max. (Per contact point) 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 Acceleration: 98.1m/s <sup>2</sup> $\Delta$ Frequency range: From 10 to 55 Hz.				
Shock	Number of times : 10 times in each direction Direction : 3 orthogonal axis Acceleration : 981 m/s <sup>2</sup> 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 12 hours/cycle (14 cycles) $\Delta$		$\Delta$ 1. Insertion Loss: 0.75dB max. (Per contact point) 2. No breakage ,crack or looseness on components		X -
Temperature cycling	Temperature : -40 to +75 °C , 42 cycles Time of a cycle: 8h $\Delta$ (Deleted)				
Resistance to dry heat $\Delta$	Temperature : +85°C for 240 hours				
Resistance to cold	Temperature : -40°C for 240 hours				
Salt mist	Temp: 35°C Humidity:5% ,Time:48 hours $\Delta$		No heavy corrosion ruins the function.		X -
Water resistance	Put the product into water at a depth of 1m for 30min. (IP67)		No leaked water inside the connector $\Delta$		X -
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
1	11	DIS-K-00001931	S.J. SUZUKI	YY. HIYAMA	20190621
REMARK $\Delta$ Optical performance, Mechanical characteristics and environmental characteristics preformed on connector samples  Product is made to RoHS standard.			APPROVED	YY. HIYAMA	20190603
			CHECKED	TS. YAMAZAKI	20190603
			DESIGNED	TY. SATO	20190603
			DRAWN	TY. SATO	20190603
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-385327-00-00
HRS	SPECIFICATION SHEET		PART NO.	MF11BMT-WP4CB02	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL709-7052-0-00	$\Delta$ 1/1