

APPLICABLE STANDARD					
Ratings	Operating temperature range	-40 degC to +85 degC	Storage temperature range	-25 degC to +75 degC	
	Suitable cable	Outer diameter of optical cable 5.5mm dia. (Cavicel)			
SPECIFICATIONS					
Item		Test method		Requirements	QT AT
Construction					
Dimension, construction and finishing		Visual check and dimension check by using measurement equipment		According to drawing	X X
Marking		Visual check			X X
Optical characteristics					
Insertion loss		Measuring at wave length 1310nm (LD)		≤1 dB	X -
Mechanical characteristic					
Mating durability		200 times of insertion and extraction		Insertion loss change ≤0.3 dB No looseness, breakage, cracks	X -
Vibration		Vibration for 3 hours in 3directions at 10G, each cycle is 15min. Frequency range : 10 to 500Hz MIL-STD-202G Method 204D Condition A			X -
Shock		3 times and 3 directions with the acceleration 100G. MIL-STD-202G Method 213B Condition C			X -
Environmental characteristics					
Composite humidity cycle		Humidity : 90 to 96%Rh Temperature : -10 to +65 degC Time : 240 hours (10 cycles)		Insertion loss change ≤0.3 dB No looseness, breakage, cracks	X -
Temperature cycling		Temperature : -40 to +75 degC, 42 cycles (Telcordia GR-326-CORE)			X -
Resistance to dry heat		Temperature : +85 degC Time : 240 hours			X -
Resistance to cold		Temperature : -25 degC Time : 240 hours			X -
Salt mist		5% salt mist for 500 hours		No corrosion	X -
Water resistance		Putting the product under water for 1 minute with air pressure 4.9kPa into the housing.		No air leakage	X -
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
REMARK			APPROVED	MT.SHIBUTANI	18.03.28
			CHECKED	MT.SHIBUTANI	18.03.28
			DESIGNED	FS.YOSHIDA	18.03.28
			DRAWN	YA.SANO	18.03.28
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-176104-32-00
HRS	SPECIFICATION SHEET		PART NO.	MF10S-WLP6C02-0200(32)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL709-0516-8-32	1/1