

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-40 °C to +85 °C	STORAGE TEMPERATURE RANGE	-25 °C to +75 °C(AT PACKING)	
	—	—	CHARACTERISTIC IMPEDANCE	φ 2mm × 2	
SPECIFICATIONS					
ITEM		TEST METHOD		REQUIREMENTS	QT AT
CONSTRUCTION					
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	X X
MARKING		CONFIRMED VISUALLY.			X X
OPTICAL CHARACTERISTICS					
INSERTION LOSS		MEASUREMENT AT WAVE LENGTH 1310 ± 30 nm (LED)		≤1.4 dB (SM) , ≤0.7 dB (GI) (1.5 dB MODE SCRAMBLER USE)	X —
RETURN LOSS		MEASUREMENT AT WAVE LENGTH 1310 ± 30 nm (LD)		≥40 dB (SM) 、 ≥22 dB (GI)	X —
MECHANICAL CHARACTERISTICS					
TENSILE STRENGTH (AXIAL)		A TENSILE FORCE TO CORD AXIALLY AT 200 N.		INSERTION LOSS RANGE : ≤0.3 dB NO LOOSENESS, BREAKAGE, CRACKS	X —
MATING DURABILITY		200 INSERTION AND EXTRACTION.			X —
VIBRATION		FOR 2 HOURS OF 2 DIRECTION AT AN AMPLITUDE OF 1.5 mm WITH THE FREQUENCY SWEEPING CONTINUOUSLY BETWEEN 10 AND 55 Hz.			X —
SHOCK		3 TIMES AND 2 DIRECTIONS WITH THE ACCELERATION 981 m/s ²			X —
ENVIRONMENTAL CHARACTERISTICS					
COMPOSITE HUMIDITY CYCLE		HUMIDITY : 90 TO 96 % TEMPERATURE : -10 TO 65 °C TIME : 240 HOURS (10 CYCLES)		INSERTION LOSS RANGE : ≤0.3 dB NO LOOSENESS, BREAKAGE, CRACKS	X —
TEMPERATURE CYCLING		TEMPERATURE : -40 TO 75 °C 42 CYCLES. (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 % FOR 500 HOURS		NO HEAVY CORROSION RUINS THE FUNCTION	X —
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△					
REMARK			APPROVED	MT. SHIBUTANI	18.02.01
Unless otherwise specified, refer to JIS C 5961(IEC 61300 SERIES).			CHECKED	FS. YOSHIDA	18.02.01
			DESIGNED	TY. SATO	18.02.01
			DRAWN	MK. INOUE	18.02.01
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-178478-31-00
HRS	SPECIFICATION SHEET		PART NO.	MF10S-WP22C50-0200 (31)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL709-0212-3-31	△ 1/1