






APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-40°C to +85°C	STORAGE TEMPERATURE RANGE	-25°C to +70°C (In packing)	
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 (LD).	0.4 dB max.	X	X
MECHANICAL CHARACTERISTICS					
TENSILE STRENGTH (AXIAL)		A tensile force to cord axially at 200 N.	Insertion loss range : 0.3 dB max. No looseness,breakage, cracks.	X	—
MATING DURABILITY		200 times of insertion and extraction.		X	—
VIBRATION		Time : 2 hours in each direction Direction : 3 orthognal 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 orthognal axis Acceleration : 981 m/s <sup>2</sup> Duration of shock pulse : 6 ms in half sine wave.		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 max. No looseness,breakage, cracks.	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% for 1,000 hours	No heavy corrosion ruins the function.	X	—
WATER RESISTANCE 		Put the product under water for 1 min, with air pressure 4.9 kpa.(IP67)	No air leakage	X	—
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
	2	DIS-K-00000267	FS. YOSHIDA	YY. HIYAMA	16. 08. 10
REMARK			APPROVED	HA. OKANO	09. 05. 11
NOTE 1: Insertion loss shall be measured by SM (9.5/125) fiber cord (2m) with master connector (SC & SW20). 2: This product is RoHS compliant.			CHECKED	YH. MASUZAKI	09. 05. 11
			DESIGNED	KS. JOKURA	09. 05. 09
			DRAWN	KS. JOKURA	09. 05. 09
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-176756-02
	SPECIFICATION SHEET		PART NO.	SW20-SCR-1 (02)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL717-5002-2-02	 1/1