

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-40°C TO +85°C	STORAGE TEMPERATURE RANGE	-25°C TO +70°C (AT PACKING)	
			CHARACTERISTIC IMPEDANCE	φ7 , 2-FIBERS	
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±20nm(LD)	0.4 dB max. (1 MATING)	X	—
RETURN LOSS		MEASUREMENT AT WAVE LENGTH 1310±30nm(LD)	40 dB min.	X	—
MECHANICAL CHARACTERISTICS					
CODE CLAMPLING STRENGTH (AXIAL)		BETWEEN CONNECTOR AND CODE IS ADDED FOR 1 MINUTES AXIALLY AT TENSILE FORCE 200N.	INSERTION LOSS RANGE :0.3dB max. DO NOT FIND ABNORMALITY IN THE CLAMPING PART AND THE CODE.	X	—
MATING DURABILITY		200 INSERTION AND EXTRACTION.	INSERTION LOSS RANGE :0.3dB max. NO LOOSENESS,BREAKAGE, CRACKS	X	—
VIBRATION		2 HOURS OF 3 DIRECTION AT AN HALF AMPLITUDE OF 0.75mm WITH THE FREQUENCY 10-55Hz SWEEPING AND THE ACCELERATION 98.1m/s²		X	—
SHOCK		10 TIMES AND 3 DIRECTIONS WITH THE ACCELERATION 981m/s² AND ACTION TIME 6ms		X	—
ENVIRONMENTAL CHARACTERISTICS					
COMPOSITE HUMIDITY CYCLE		HUMIDITY : 90 to 100% TEMPERATURE : -10 to 65°C TIME : 168HOURS(12H/CYCLE×14CYCLE) (TELCORDIA GR3120-CORE)	INSERTION LOSS RANGE : 0.3dB max. NO LOOSENESS, BREAKAGE,CRACKS	X	—
TEMPERATURE CYCLING		TEMPERATURE : -40 to 75°C TIME : 336HOURS(8H/CYCLE×42CYCLE) (JIS C 5961)		X	—
RESISTANCE TO DRY HEAT		TEMPERATURE : 85°C FOR 240HOURS (JIS C 5961)		X	—
RESISTANCE TO COLD		TEMPERATURE : -40°C FOR 240HOURS (JIS C 5961)		X	—
RESISTANCE TO HUMIDITY		TEMPERATURE 75°C AND HUMIDITY 95% FOR 168 HOURS (TELCORDIA GR3120-CORE)		X	—
SALT MIST 		SALT MIST : 5% AND TEMPERATURE 35°C FOR 1000 HOURS	NO HEAVY CORROSION RUINS THE FUNCTION.	X	—
WATER RESISTANCE (MATING) 		PUT THE PRODUCT UNDER WATER FOR 1 min. WITH AIR PRESSURE 4.9kPa.(IP67)	NO AIR LEAKAGE.	X	—
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
	2	DIS-K-00000298	FS. YOSHIDA	YY. HIYAMA	16. 08. 10
REMARK NOTE 1. CONNECTED WITH SW20-LC MASTER-RECEPTACLE AND LC MASTER PLUG. AND, MEASURED WITH THIS PRODUCT AND IT.			APPROVED	MT.SHIBUTANI	13.01.19
			CHECKED	YH.MASUZAKI	13.01.18
			DESIGNED	FS.YOSHIDA	13.01.18
			DRAWN	FS.YOSHIDA	13.01.18
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-178497-00
	SPECIFICATION SHEET		PART NO.	SW20-LCPT75-3	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL717-5508-1-00	 1/1