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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-40°C TO +85°C	STORAGE TEMPERATURE RANGE	-25°C TO +70°C (AT PACKING)	
	POWER	-w	CHARACTERISTIC IMPEDANCE	-	
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	X
RETURN LOSS	MEASUREMENT AT WAVE LENGTH 1310±30nm(LD)		40 dB min.	X	-
MECHANICAL CHARACTERISTICS					
MATING DURABILITY	200 INSERTION AND EXTRACTION.		INSERTION LOSS RANGE : 0.3dB max. DO NOT FIND ABNORMALITY IN THE CLAMPING PART AND THE CODE.	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/s ²		INSERTION LOSS RANGE : 0.3dB max. NO LOOSENESS, BREAKAGE,CRACKS	X	-
SHOCK	10 TIMES AND 3 DIRECTIONS WITH THE ACCELERATION 981m/s ² AND ACTION TIME 6ms			X	-
ENVIRONMENTAL CHARACTERISTICS					
COMPOSITE HUMIDITY CYCLE	HUMIDITY : 90 to100% 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-00000293	FS.YOSHIDA	YY.HIYAMA	16.06.02
REMARK	NOTE  CONNECTED WITH THIS PRODUCT AND LC MASTER CODE. MEASURED WITH IT AND SW20-LC MASTER CODE.		APPROVED	MT.SHIBUTANI	10.04.21
			CHECKED	YH.MASUZAKI	10.04.14
			DESIGNED	SI.MATSUMOTO	10.04.14
			DRAWN	SI.MATSUMOTO	10.04.14
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.	ELC4-176804-00	
	SPECIFICATION SHEET		PART NO.	SW20-LCR-1	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL717-5004-8-00	 1/1