

APPLICABLE STANDARD		SPECIFICATIONS					
RATING	OPERATING TEMPERATURE RANGE	-40°C TO +85°C		STORAGE TEMPERATURE RANGE	-25°C TO +70°C (AT PACKING)		
	POWER	-W		CHARACTERISTIC IMPEDANCE	-		
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.		X -		
SHOCK	10 TIMES AND 3 DIRECTIONS WITH THE ACCELERATION 981m/s ² AND ACTION TIME 6ms		NO LOOSENESS, BREAKAGE,CRACKS		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.			
	SPECIFICATION SHEET		PART NO.	SW20-LCR-1			
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL717-5004-8-00	 1/1		