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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)		—	—
RETURN LOSS	MEASUREMENT AT WAVE LENGTH 1310±30nm(LD)		—	—
MECHANICAL CHARACTERISTICS				
CODE CLAMPLING STRENGTH (AXIAL)	BETWEEN CONNECTOR AND CODE IS ADDED FOR 1 MINUTES AXIALLY AT TENSILE FORCE 200N.		—	—
MATING DURABILITY	200 INSERTION AND EXTRACTION.		—	—
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		—	—
SHOCK	10 TIMES AND 3 DIRECTIONS WITH THE ACCELERATION 981m/s² AND ACTION TIME 6ms		—	—
ENVIRONMENTAL CHARACTERISTICS				
COMPOSITE HUMIDITY CYCLE	HUMIDITY : 90～96% TEMPERATURE : -10～65℃ TIME : 240HOURS(24H/CYCLE×10CYCLE) (JIS C 5961)		—	—
TEMPERATURE CYCLING	TEMPERATURE : -40～75℃ TIME : 336HOURS(8H/CYCLE×42CYCLE) (TELCORDIA GR326-CORE)		—	—
RESISTANCE TO DRY HEAT	TEMPERATURE : 85℃ FOR 240HOURS (JIS C 5961)		—	—
RESISTANCE TO COLD	TEMPERATURE : -40℃ FOR 240HOURS (JIS C 5961)		—	—
SALT MIST	SALT MIST : 5% AND TEMPERATURE 35℃ FOR 1000 HOURS		—	—
WATER RESISTANCE (MATING)	PUT THE PRODUCT UNDER WATER FOR 1 min. WITH AIR PRESSURE 50kPa.		—	—

	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△1					

REMARK

APPROVED	MT. SHIBUTANI	10. 06. 03
CHECKED	YY. HIYAMA	10. 06. 03
DESIGNED	YH. MASUZAKI	10. 06. 03
DRAWN	YH. MASUZAKI	10. 06. 03

Note QT:Qualification Test AT:Assurance Test X:Applicable Test

DRAWING NO. ELC4-176921-00

HRS	SPECIFICATION SHEET	PART NO.	SW20-RC3	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL717-5504-0-00 △1	1/1

FORM HD0011-2-1