	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△						△					
△						△					

APPLICABLE STANDARD	No. 520064"SPECIFICATION OF OPTICAL ATTENUATOR TYPE SC" BY NTT CO.		
RATING	OPERATING TEMPERATURE RANGE	－40℃～75℃	STORAGE TEMPERATURE RANGE	－40℃～75℃
	POWER	mW	APPLICABLE CABLES	

SPECIFICATIONS

I T E M	T E S T M E T H O D (JIS C 5961)	C O N D I T I O N S	QT	AT
CONSTRUCTION				
APPEARANCE, CONSTRACTION AND FINSHING	SHALL BE CARRIED OUT RISUALLY AND MEASURING INSTRUMENTS.	ACCORDING TO DRAWING	O	O
MARKING	SHALL BE CONFIRMED VISUALLY.	ACCORDING TO DRAWING	O	O
OPTICAL PARTICULAR				
INSERTION LOSS	METHOD 3 SHALL BE CARRIED OUT MEASUREMENT AT WAVE-LENGTH 1300^{+30}_{-20}nm(LD).	$\leq$ 0.4 dB	O	O
RETURN LOSS	METHOD 2 SHALL BE CARRIED OUT MEASUREMENT AT WAVE-LENGTH 1300^{+30}_{-20}nm(LD).	$\geq$ 22 dB	O	－
ATTENUATION	SHALL BE CARRIED OUT MEASUREMENT AT WAVE-LENGTH 1300±20nm AND 1550±20nm(LD). TEST STD.:JIS C 5901		―	―
MECHANICAL PARTICULAR				
CONNECTOR ENGAGEMENT AND SEPARATION FORCES	SHALL BE CARRIED OUT MEASUREMENT ENGAGEMENT AND SEPARATION FORCES AT 50mm/s.	ENGAGEMENT FORCE: $\leq$ 19.6N SEPARATION FORCE: $\leq$ 19.6N	O	－
FERRULE SEPARATION FORCES	SHALL BE CARRIED OUT MEASUREMENT BY ZIRCONIA GAUGE AT ϕ2.499±0.0005mm.	2N～3.9N	O	O
TENSILE STRENGTH(AXIAL)	SHALL BE CARRIED OUT A TENSILE FORCE TO CORD AXIALLY AT 70N FOR 1MINUTE.	NO LOOSENESS, BREAKAGE AND CRACKS ON CORD AND CLAMP.	O	－
DURABILITY	SHALL BE CARRIED OUT 500 INSERTION AND EXTRACTION.	NO LOOSENESS, BREAKAGE, CRACKS	O	－
VIBRATION	SHALL BE CARRIED OUT VIBRATION FOR 3HOURS AT AN AMPLITUDE OF 1.5mm WITH THE FREQUENCY RANGE 10～55Hz.	NO LOOSENESS, BREAKAGE, CRACKS	O	―
SHOCK	SHALL BE CARRIED OUT SHOCK FOR 10 10TIMES AND 3DIRECTIONS WITH THE ACCELERATION $981m/S^2$.		O	－
ENVIRONMENTAL PARTICULAR				
COMPOSITE HUMIDITY CYCLE	METHOD I ,SHALL BE CARRIED OUT 10CYCLES(FOR 240HOURS).	NO LOOSENESS, BREAKAGE, CRACKS	O	－
TEMPERATURE CYCLING	TEMP. $-25 \rightarrow -25$～$70 \rightarrow 70 \rightarrow 70$～$-25$ ℃ TIME 60 $\rightarrow$ 60 $\rightarrow 60 \rightarrow$ 60 min SHALL BE CARRIED OUT ABOVE CYCLING FOR 10CYCLES.		O	－
RESISTANCE TO DRY HEAT	SHALL BE CARRIED OUT TEMPERATURE 85℃ FOR 500HOURS.		O	－
RESISTANCE TO COLD	SHALL BE CARRIED OUT TEMPERATURE -25℃ FOR 500HOURS.		O	－
SALT MIST	SHALL BE CARRIED OUT SALT MIST 5% FOR 48HOURS.	NO CORROSION	O	－

REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
	𝜂.𝒮⤳ '99.4.14	𝜂.𝒮⤳ '99.4.14	𝑇.𝑁𝑖𝑘𝑖 '99.4.14	F.NAGA '99.4.14	

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

HRS HIROSE ELECTRIC CO.,LTD.	SPECIFICATION SHEET	PART NO. HSC－A3－D1 (02)	
CODE NO. (OLD) CL	DRAWING NO. ELC1 170585 01	CODE NO. CL701 0217 5 (02)	1/1

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