

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	
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APPLICABLE STANDARD No. 520064 "SPECIFICATION OF OPTICAL ATTENUATOR TYPE SC" BY NTT CO.										
RATING		OPERATING TEMPERATURE RANGE		- 4 0 °C ~ 7 5 °C		STORAGE TEMPERATURE RANGE		- 4 0 °C ~ 7 5 °C		
		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			Q T	A T
CONSTRUCTION										
APPEARANCE, CONSTRUCTION AND FINISHING		SHALL BE CARRIED OUT VISUALLY AND MEASURING INSTRUMENTS.				ACCORDING TO DRAWING			○	○
MARKING		SHALL BE CONFIRMED VISUALLY.				ACCORDING TO DRAWING			○	○
OPTICAL PARTICULAR										
INSERTION LOSS		METHOD 3 SHALL BE CARRIED OUT MEASUREMENT AT WAVE-LENGTH $1300 \pm 20 \text{ nm}$ (LD).				$\leq 0.4 \text{ dB}$			○	○
RETURN LOSS		METHOD 2 SHALL BE CARRIED OUT MEASUREMENT AT WAVE-LENGTH $1300 \pm 20 \text{ nm}$ (LD).				$\geq 22 \text{ dB}$			○	—
ATTENUATION		SHALL BE CARRIED OUT MEASUREMENT AT WAVE-LENGTH $1300 \pm 20 \text{ nm}$ AND $1550 \pm 20 \text{ nm}$ (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: $\leq 19.6 \text{ N}$ SEPARATION FORCE: $\leq 19.6 \text{ N}$			○	—
FERRULE SEPARATION FORCES		SHALL BE CARRIED OUT MEASUREMENT BY ZIRCONIA GAUGE AT $\phi 2.499 \pm 0.0005 \text{ mm}$.				2N ~ 3.9N			○	○
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.			○	—
DURABILITY		SHALL BE CARRIED OUT 500 INSERTION AND EXTRACTION.				NO LOOSENESS, BREAKAGE, CRACKS			○	—
VIBRATION		SHALL BE CARRIED OUT VIBRATION FOR 3HOURS AT AN AMPLITUDE OF 1.5mm WITH THE FREQUENCY RANGE 10~55Hz.				NO LOOSENESS, BREAKAGE, CRACKS			○	—
SHOCK		SHALL BE CARRIED OUT SHOCK FOR 10 10TIMES AND 3DIRECTIONS WITH THE ACCELERATION 981 m/s^2 .							○	—
ENVIRONMENTAL PARTICULAR										
COMPOSITE HUMIDITY CYCLE		METHOD 1, SHALL BE CARRIED OUT 10CYCLES (FOR 240HOURS).				NO LOOSENESS, BREAKAGE, CRACKS			○	—
TEMPERATURE CYCLING		TEMP. -25 → -25~70 → 70~25 °C TIME 60 → 60 → 60 min SHALL BE CARRIED OUT ABOVE CYCLING FOR 10CYCLES.							○	—
RESISTANCE TO DRY HEAT		SHALL BE CARRIED OUT TEMPERATURE 85°C FOR 500HOURS.							○	—
RESISTANCE TO COLD		SHALL BE CARRIED OUT TEMPERATURE -25°C FOR 500HOURS.							○	—
SALT MIST		SHALL BE CARRIED OUT SALT MIST 5% FOR 48HOURS.				NO CORROSION			○	—
REMARKS					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
					7.5.→ '99.4.14	7.5. '99.4.14	T. Naga '99.4.14	FNAGA '99.4.14		
Note Q T: Qualification Test A T: Assurance Test ○: Applicable Test										
HRS HIROSE ELECTRIC CO., LTD.					SPECIFICATION SHEET			PART NO. HSC-A3-D1 (02)		
CODE NO. (OLD)		DRAWING NO.			CODE NO.			1		
CL		ELC4 170585 01			CL704 0217 5 (02)			1		

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