

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		
<b>SPECIFICATIONS</b>									
I T E M		T E S T M E T H O D (J I S C 5 9 6 1)			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 ± 20 nm (LD).			≤ 0.4 dB			○	○
RETURN LOSS		METHOD 2 SHALL BE CARRIED OUT MEASUREMENT AT WAVE-LENGTH 1300 ± 20 nm (LD).			≥ 22 dB			○	—
ATTENUATION		SHALL BE CARRIED OUT MEASUREMENT AT WAVE-LENGTH 1300 ± 20 nm AND 1550 ± 20 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: ≤ 19.6N SEPARATION FORCE: ≤ 19.6N			○	—
FERRULE SEPARATION FORCES		SHALL BE CARRIED OUT MEASUREMENT BY ZIRCONIA GAUGE AT φ 2.499 ± 0.0005mm.			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 981m/S <sup>2</sup> .						○	—
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 → 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
					Y. S.	Y. S.	T. NAGA	F. NAGA	
					'99.4.14	'99.4.14	'99.4.14	'99.4.14	
Note Q T: Qualification Test A T: Assurance Test ○: Applicable Test									
<b>HRS</b> HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET			PART NO. HSC-A3-D1 (02)				
CODE NO. (OLD)		DRAWING NO.			CODE NO.		1		
CL		ELC1 170585 01			CL7040217.5 (02)		1		

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