



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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## SPECIFICATIONS

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>	
ITEM	TEST METHOD(JIS C 5961) CONDITIONS
CONSTRUCTION	
APPEARANCE, CONSTRUCTION AND FINISHING	SHALL BE CARRIED OUT VISUALLY AND MEASURING INSTRUMENTS.
MARKING	SHALL BE CONFIRMED VISUALLY.
OPTICAL PARTICULAR	
INSERTION LOSS	METHOD 3 SHALL BE CARRIED OUT MEASUREMENT AT WAVE-LENGTH 1300.±0.0nm(LD). ≤ 0.4 dB
RETURN LOSS	METHOD 2 SHALL BE CARRIED OUT MEASUREMENT AT WAVE-LENGTH 1300.±0.0nm(LD). ≥ 22 dB
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: ≤ 19.6N SEPARATION FORCE: ≤ 19.6N
FERRULE SEPARATION FORCES	SHALL BE CARRIED OUT MEASUREMENT BY ZIRCONIA GAUGE AT φ2.499±0.0005mm. 2N~3.9N
TENSILE STRENGTH(AXIAL)	SHALL BE CARRIED OUT A TENSILE FORCE 10 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> . NO LOOSENESS, BREAKAGE, CRACKS
ENVIRONMENTAL PARTICULAR	
COMPOSITE HUMIDITY CYCLE	METHOD 1, SHALL BE CARRIED OUT 100CYCLES(FOR 240HOURS). NO LOOSENESS, BREAKAGE, CRACKS
TEMPERATURE CYCLING	TEMP -25 → -25~70 → 70~70~25 °C TIME 60 → 60 →60 → 60 min SHALL BE CARRIED OUT ABOVE CYCLING FOR 10CYCLES. NO LOOSENESS, BREAKAGE, CRACKS
RESISTANCE TO DRY HEAT	SHALL BE CARRIED OUT TEMPERATURE 85°C FOR 500HOURS. NO LOOSENESS, BREAKAGE, CRACKS
RESISTANCE TO COLD	SHALL BE CARRIED OUT TEMPERATURE -25°C FOR 500HOURS. NO LOOSENESS, BREAKAGE, CRACKS
SALT MIST	SHALL BE CARRIED OUT SALT MIST 5% FOR 48HOURS. NO CORROSION

REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
	9.5.→	9.5.→	T. Nakajima	F.NAGA	
	99.4.14	99.4.14	99.4.14	99.4.14	

Note ○T:Qualification Test AT:Assurance Test ○:Applicable Test

<b>HRS</b> HIROSE ELECTRIC CO. LTD.	<b>SPECIFICATION SHEET</b>	PART NO. H S C - A 3 - D 1 ( 0 2 )
(CODE NO. (HID))	DRAWING NO. F L C 1 1 7 0 5 8 5 0 1	(CODE NO. C L 7 0 1 0 2 1 7 5 ( 0 2 )
C 1		1 / 1