

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-25°C to +70°C (95%RH MAX)	STORAGE TEMPERATURE RANGE	-25°C to +85°C (95%RH MAX)	
	POWER	10 mW	APPLICABLE CABLE	SSMA-9.5/125	
SPECIFICATIONS					
ITEM	TEST METHOD (JIS C 5961)		REQUIREMENTS	QT	AT
CONSTRUCTION					
General examination	Visually and measuring instruments.		According to drawing.	✓	✓
Marking	Confirmed visually.			✓	✓
OPTICAL CHARACTERISTICS					
Return loss	Shall be carried out measurement at a point within wavelength 1310 ± 30 nm.		Return loss : ≥ 40 dB	✓	✓
MECHANICAL CHARACTERISTICS					
Contact engagement and separation forces	Shall be carried out measurement engagement and separation forces at 50mm/s.		Engagement force: ≤ 19.6N Separation force: ≤ 19.6N .	✓	-
Durability	Shall be carried out 500 insertion and extraction.		1. Return loss : ≥ 40 dB 2. No looseness, breakage and cracks.	✓	-
ENVIRONMENTAL CHARACTERISTICS					
Composite humidity cycle	Humidity : 90~96% Temperature : -10~65 ° C Time : 240 hours ( 10 cycles )		1. Return loss : ≥ 40 dB 2. No looseness, breakage and cracks.	✓	-
Temperature cycling	Temp : -25 → -25~70 → 70 → 70~-25°C Time : 60 → 60 →60 → 60min Cycles : 100 cycles			✓	-
Dry heat	Temperature : 85 °C, Time : 500 hours			✓	-
Cold	Temperature : -25 °C, Time : 500 hours			✓	-
Salt mist	Salt mist : 5%, Time : 48 hours			No corrosion	✓
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△					
REMARK			APPROVED	HA. OKANO	07. 11. 07
1. A product corresponding to RoHS.			CHECKED	FS. YOSHIDA	07. 11. 06
2. Unless otherwise specified, refer to JIS C 5961 : 1997.			DESIGNED	KS. JOKURA	07. 11. 06
			DRAWN	KS. JOKURA	07. 11. 06
Note QT:Qualification Test AT:Assurance Test ✓:Applicable Test			DRAWING NO.		ELC4-140154-01
<b>HRS</b>	SPECIFICATION SHEET		PART NO.	HSC-TM-R1 (40)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL821-0001-0-40	△ 1/1