

Applicable standard					
Rating	Operating temperature range	-25 °C to +70 °C	Storage temperature range	-25 °C to +85 °C	
	Max. Input Power	30 mW	Applicable cable	SMF-10 / 125	
Specifications					
Item	Test method	Requirements		QT	AT
Structure					
General examination	Visual check , Measurement instruments	According to drawing		×	×
Marking	Visual check			×	×
Optical characteristics					
Return loss	Wavelength 1310(±30)nm	≥ 40 dB		×	×
Mechanical characteristics					
Engagement and separation forces	Engagement and separation forces at 50 mm/s	Engagement force : ≤19.6N Separation force : ≤19.6N		×	—
Mating durability	500 times	1) After test , Return loss shall be as follows. ≥ 40 dB 2) No Looseness , Breakage or Cracks.		×	—
Vibration	Frequency range : 10 to 55 Hz Single amplitude of 0.75 mm 3 hours in each of the 3 axis			×	—
Shock	Acceleration : 981 m/s ² Duration time : 6 ms , half sine shock pulse 3 times in each of the 3 axis			×	—
Environmental characteristics					
Humidity cycle	Humidity : 90 to 96% Temperature : -10 to 65°C Time : 240 hours (10 cycle)	1) After test , Return loss shall be as follows. ≥ 40 dB 2) No Looseness , Breakage or Cracks.		×	—
Temperature cycle	Temperature : -25 to +70°C Time : 400 hours (100 cycle)			×	—
Dry heat	Temperature : 85°C for 500 hours			×	—
Cold	Temperature : -25°C for 500 hours			×	—
Salt mist	Salt mist : 5% for 48 hours	No corrosion.		×	—
<p>⚠ This form is changed into a new one.</p>					
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
⚠	1	DIS-K-002734	SR. TOYOKAWA	YH. MASUZAKI	12. 10. 30
REMARK			APPROVED	MT. SHIBUTANI	12. 02. 27
			CHECKED	FS. YOSHIDA	12. 02. 27
			DESIGNED	KS. JOKURA	12. 02. 24
Unless otherwise specified, refer to IEC 61300 series			DRAWN	SR. TOYOKAWA	12. 02. 23
Note QT:Qualification Test AT:Assurance Test ×:Applicable Test			DRAWING NO.		ELC4-047847-40
HRS	SPECIFICATION SHEET		PART NO.	HSC-TM-P1 (40)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL821-0005-0-40	⚠ 1/1