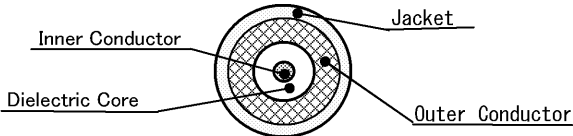



APPLICABLE STANDARD						
RATING	OPERATING TEMPERATURE RANGE	-40°C TO +90°C (95%RH MAX)	STORAGE TEMPERATURE RANGE	-40°C TO +90°C (95%RH MAX)		
	POWER	— W	CHARACTERISTIC IMPEDANCE	50 Ω (0 TO 6 GHz)		
	APPLICABLE CABLE	O.D. ϕ0.81 COAXIAL CABLE Jacket : ϕ0.81 Outer Conductor : SINGLE BRAID Dielectric Core : ϕ0.4 Inner Conductor : (7/0.05) AWG36				
SPECIFICATIONS						
ITEM		TEST METHOD		REQUIREMENTS	QT	AT
CONSTRUCTION						
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	×	×
MARKING		CONFIRMED VISUALLY.			—	—
ELECTRIC CHARACTERISTICS						
CONTACT RESISTANCE		100 mA MAX (DC OR 1000 Hz).		CENTER CONTACT 4 mΩ MAX.	×	×
				OUTER CONTACT 4 mΩ MAX.	×	×
INSULATION RESISTANCE		100 V DC.		500 MΩ MIN.	×	×
VOLTAGE PROOF		200 V AC FOR 1 min.CURRENT LEAKAGE 2mA MAX.		NO FLASHOVER OR BREAKDOWN.	×	×
VOLTAGE STANDING WAVE RATIO		FREQUENCY 0.045 TO 6 GHz		VSWR 1.3 MAX.	×	—
INSERTION LOSS		FREQUENCY — TO — GHz		— dB MAX.	—	—
MECHANICAL CHARACTERISTICS						
CONTACT INSERTION AND EXTRACTION FORCES		ϕ0.91 +0.005 0 BY STEEL GAUGE.		INSERTION FORCE — N MAX.	—	—
				EXTRACTION FORCE 1.5 N MIN.	×	×
MECHANICAL OPERATION		500 TIMES INSERTIONS AND EXTRACTIONS.		1) CONTACT RESISTANCE: CENTER CONTACT 6 mΩMAX. OUTER CONTACT 6 mΩMAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	—
VIBRATION		FREQUENCY 10 TO 500 Hz SINGLE AMPLITUDE 0.75 mm, 98 m/s ² AT 10 CYCLES FOR 3 DIRECTIONS.		1) NO ELECTRICAL DISCONTINUITY OF 1 μs. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	—
SHOCK		490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.			×	—
CABLE CLAMP ROBUSTNESS (AGAINST CABLE PULL)		APPLYING A PULL FORCE THE CABLE AXIALLY AT 10 N MAX.		1) NO WITHDRAWAL AND BREAKAGE OF CABLE. 2) NO BREAKAGE OF CLAMP.	×	—
ENVIRONMENTAL CHARACTERISTICS						
DAMP HEAT,CYCLIC		EXPOSED AT +25 TO +65°C, 90 TO 98 % TOTAL 10 CYCLES (240 h)		1) INSULATION RESISTANCE: 10 MΩ MIN. (AT HIGH HUMIDITY) 2) INSULATION RESISTANCE: 500 MΩ MIN. (AT DRY) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	—
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -40 → — → +90 → — °C TIME 30 → 3 → 30 → 3 min UNDER 5 CYCLES.		NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	—
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.		NO HEAVY CORROSION.	×	—
	COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE
	0					
REMARK				APPROVED	TS. NOBE	11. 09. 24
RoHS COMPLIANT				CHECKED	NK. NINOMIYA	11. 09. 24
Unless otherwise specified, refer to JIS C 5402.				DESIGNED	YI. FUNADA	11. 09. 24
				DRAWN	YI. FUNADA	11. 09. 24
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO.		ELC4-305107-40
HRS	SPECIFICATION SHEET			PART NO.	HRM-200-040PJ4BN (40)	
	HIROSE ELECTRIC CO., LTD.			CODE NO.	CL323-0795-7-40	 1/1