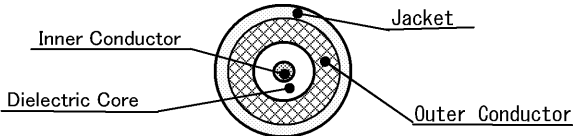


APPLICABLE STANDARD							
RATING	OPERATING TEMPERATURE RANGE	-40°C TO +90°C (95%RH MAX)	STORAGE TEMPERATURE RANGE	-40°C TO +90°C (95%RH MAX)			
	POWER	— W	CHARACTERISTIC IMPEDANCE	50 Ω (0 TO 6 GHz)			
	APPLICABLE CABLE	O.D. ϕ0.81 COAXIAL CABLE Jacket : ϕ0.81 Outer Conductor : SINGLE BRAID Dielectric 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 RoHS COMPLIANT Unless otherwise specified, refer to JIS C 5402.			APPROVED	TS. NOBE	11. 09. 24		
			CHECKED	NK. NINOMIYA	11. 09. 23		
			DESIGNED	YI. FUNADA	11. 09. 23		
			DRAWN	YI. FUNADA	11. 09. 23		
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-305104-40		
HRS	SPECIFICATION SHEET		PART NO.	HRM-200-040JBN (40)			
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL323-0792-9-40	△ 1/1		