APPLICABLE STANDARD						
RATING	OPERATING TEMPERATURE RANGE		−40℃ TO +90℃ (95%RH MAX)	STORAGE TEMPERATURE RANGE	−40℃ TO +90℃ (95%RH MAX)	
	POWER		— W	CHARACTERISTIC IMPEDANCE	50Ω (0 TO 6 GHz)	
	APPLICABLE CABLE	O.D. φ1.32	A12B0733-01:JUNKOSHA CO.,LTD	O.D. φ1.13	RF-MF5016:NISSEI ELCTRIC CO.,LTD	

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	$\phi 0.91\ ^{+0.005}_{0}$ BY STEEL GAUGE.	INSERTION FORCE — N MAX.	—	—
		EXTRACTION FORCE 1.5 N MIN.	×	×
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE — N MAX.	—	—
		EXTRACTION FORCE — 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 30 N MAX.(O.D. φ1.32) 20 N MAX.(O.D. φ1.13)	1) NO WITHDRAWAL AND BREAKAGE OF CABLE. 2) NO BREAKAGE OF CLAMP.	×	—
ENVIRONMENTAL CHARACTERISTICS				
DAMP HEAT,CYCLIC	EXPOSED AT +25 TO +65℃, 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 → — ℃ 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. ELC4-305105-40

HRS	SPECIFICATION SHEET	PART NO.	HRM-200-066JBN(40)	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL323-0793-1-40	1/1

FORM HD0011-2-1