

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. φ 1.32	A12B0733-01:JUNKOSHA CO.,LTD		O.D. φ 1.13	RF-MF5016 :NISSEI ELCTRIC CO.,LTD RF-MF50161 :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		BY STEEL GAUGE.			INSERTION FORCE	— N MAX.	—	—
					EXTRACTION FORCE	— 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. φ 1.32) 20 N MAX.(O.D. φ 1.13)			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	12. 05. 28	
					CHECKED	NK. NINOMIYA	12. 05. 20	
					DESIGNED	MS. MATSUMOTO	12. 04. 03	
					DRAWN	MS. MATSUMOTO	12. 04. 03	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO.		ELC4-341888-00		
HRS	SPECIFICATION SHEET			PART NO.		SMA (R) -200-066PJ2BN		
	HIROSE ELECTRIC CO., LTD.			CODE NO.		CL323-0933-9-00		△ 1/1