



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	O.D	A12B0733-01:JUNKOSHA CO.,LTD			O.D	RF-MF5016:NISSEI ELECTRIC CO.,LTD.			
	CABLE	φ 1.32.	RF-MF5013 :NISSEI ELECTRIC CO.,LTD.			φ 1.13.				
SPECIFICATIONS										
ITEM		TEST METHOD				REQUIREMENTS			QT	AT
CONSTRUCTION										
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.			x	x
MARKING		CONFIRMED VISUALLY.							—	—
ELECTRIC CHARACTERISTICS										
CONTACT RESISTANCE		100 mA MAX (DC OR 1000 Hz).				CENTER CONTACT	4 mΩ MAX.	x	x	
						OUTER CONTACT	4 mΩ MAX.	x	x	
INSULATION RESISTANCE		100 V DC.				500 MΩ MIN.			x	x
VOLTAGE PROOF		200 V AC FOR 1 min.CURRENT LEAKAGE 2mA MAX.				NO FLASHOVER OR BREAKDOWN.			x	x
VOLTAGE STANDING WAVE RATIO		FREQUENCY 0.045 TO 6 GHz				VSWR	1.3 MAX.	x	—	
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.	—	—	
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.			x	—
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.			x	—
SHOCK		490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.							x	—
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.			x	—
ENVIRONMENTAL CHARACTERISTICS										
DAMP HEAT,CYCLIC		EXPOSED AT +25 TO +65°C, 90 TO 96 % 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.			x	—
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -40 → — → +90 → — °C TIME 30 → 3 → 30 → 3 min UNDER 5 CYCLES.				NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			x	—
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.				NO HEAVY CORROSION.			x	—
	COUNT	DESCRIPTION OF REVISIONS			DESIGNED		CHECKED		DATE	
	0									
REMARK RoHS COMPLIANT Unless otherwise specified, refer to JIS C 5402.						APPROVED	MH. YAMANE		13. 06. 21	
						CHECKED	TS. NOBE		13. 06. 21	
						DESIGNED	MS. MATSUMOTO		13. 06. 20	
						DRAWN	MS. MATSUMOTO		13. 06. 20	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test					DRAWING NO.		ELC4-341886-00			
	SPECIFICATION SHEET				PART NO.		SMA (R) -200-066JBN			
	HIROSE ELECTRIC CO., LTD.				CODE NO.		CL323-0931-3-00			1/1