Applicable standard				
Rating	Operating temperature range	-55 ℃ to +85 ℃ (90 %RH Max.)	Storage temperature range	-40 ℃ to +50 ℃ (90 %RH Max.)
	Power	-- W	Characteristic impedance	50 Ω(0 to 6 GHz)
	Peculiarity	----	Applicable cable	RF-MF5013 (NISSEI ELECTRIC CO.,LTD.) A12B0733-01 (Junkosha Inc.)

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION				
General examination	Visually and by measuring instrument.	According to drawing.	X	X
Marking	Confirmed visually.		-	-
ELECTRICAL CHARACTERISTICS				
Contact resistance	100 mA Max.(DC or 1000 Hz)	Center contact 10 mΩ Max.	X	X
		Outer contact 5 mΩ Max.	X	X
Insulation resistance	250 V DC.	500 MΩ Min.	X	X
Withstanding voltage	250 V AC for 1 min. current leakage 2 mA Max.	No flashover or breakdown.	X	X
Voltage standing wave ratio	Frequency 0 to 6 GHz.	VSWR 1.3 Max.	X	-
Insertion loss	Frequency - to - GHz.	--- dB Max.	-	-
MECHANICAL CHARACTERISTICS				
Contact insertion and extraction forces	φ - by steel gauge.	Insertion force -- N Max.	-	-
		Extraction force -- N Min.	-	-
Insertion and extraction forces	Measured by applicable connector.	Insertion force -- N Max.	-	-
		Extraction force 6 N Min.	X	X
Mechanical operation	500 times insertion and extractions.	1)Contact resistance: Center contact 20 mΩ Max. Outer contact 10 mΩ Max. 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 12 cycles for 3 directions.(Total 36 cycles)	1)No electrical discontinuity of 1 μs. 2)No damage, crack and looseness of parts.	X	-
Shock	735 m/s^2 directions of pulse 6 ms at 3 times for 3 directions.		X	-
Cable clamp strength (Against cable pull)	Using a pulling tester, pull the cable axially at a rate of 30 mm/min. and record the strength at which the cable or connector breaks.	40 N Min.	X	-
ENVIRONMENTAL CHARACTERISTICS				
Damp heat	Exposed at +40 ℃, 95 % total 96 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 -55 → 20 ~ 35 → +85 → 20 ~ 35℃ 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.	VSWR 1.3 Max.	X	-

	Count	Description of revisions	Designed	Checked	Date
⚠					

Remark
RoHS COMPLIANT

Unless otherwise specified, refer to IEC 60512.

Approved	TO.KATAYAMA	17.09.08
Checked	TO.KATAYAMA	17.09.08
Designed	NK.OOSAWA	17.09.08
Drawn	NK.OOSAWA	17.09.08

Note QT:Qualification Test AT:Assurance Test X:Applicable Test

HRS	SPECIFICATION SHEET	Drawing No.	ELC-329686-00-00
		Part No.	MMCX(AR)-P-066
	HIROSE ELECTRIC CO., LTD.	Code No.	CL339-0030-5-00 ⚠A 1/1

FORM HD0011-2-1