△1 Redraw.

Applicable standard				
Rating	Operating temperature range	-40 °C to +85 °C (95 %RH Max.)	Storage temperature range	-40 °C to +85 °C (95 %RH Max.)
	Power	- W	Characteristic impedance	50 Ω (0 to 2 GHz)
	Peculiarity	-	Applicable cable	-

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 6.5 mΩ Max.	X	X
		Outer contact 4 mΩ Max.	X	X
Insulation resistance	250 V DC.	1000 MΩ Min.	X	X
Withstanding voltage	250 V AC for 60 sec current leakage 2 mA Max.	No breakdown.	X	X
Voltage standing wave ratio	Frequency 0 to 2 GHz.	VSWR 1.2 Max.	X	-
Insertion loss	Frequency - to - GHz.	- dB Max.	-	-
MECHANICAL CHARACTERISTICS				
Contact insertion and extraction forces	φ 0.37 $^{0}_{-0.003}$ by steel gauge.	Insertion force - N Max.	-	-
		Extraction force 0.2～2 N Min.	X	X
Insertion and extraction forces	Measured by applicable connector.	Insertion force - N Max.	-	-
		Extraction force - N Min.	-	-
Mechanical operation	500 times insertion and extractions.	1)Contact resistance: Center contact 10 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 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 strength (Against cable pull)	Using a pulling tester, pull the cable axially at a rate of - mm/min and record the strength at which the cable or connector breaks.	- N Min.	-	-
ENVIRONMENTAL CHARACTERISTICS				
Damp heat	Exposed at +60±2 °C, 90 to 95 % total - cycles. (240 h)	1)Insulation resistance: 10 MΩ Min. (at high humidity) 2) Insulation resistance: 100 MΩ Min. (at dry) 3)No damage, crack and looseness of parts.	X	-
Rapid change of temperature	Temperature -40 → - → +85 → - °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.	VSWR 1.2 Max.	X	-

	Count	Description of revisions	Designed	Checked	Date
△1	1	DIS-D-00016701	MK.INOUE	NK.NINOMIYA	20230904

Remark

Unless otherwise specified, refer to IEC 60512.

Approved	TO.KATAYAMA	20180115
Checked	TO.KATAYAMA	20180115
Designed	NK.OOSAWA	20180115
Drawn	SR.AIHARA	20180115

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

HRS	SPECIFICATION SHEET	Drawing No.	ELC-009642-40-00	
		Part No.	PO6-R-PC(40)	
	HIROSE ELECTRIC CO., LTD.	Code No.	CL0328-0011-7-40	△1 1/1

FORM HD0011-2-1