

APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-10°C TO +85°C(90%RH MAX)	STORAGE TEMPERATURE RANGE	-10°C TO +85°C(90%RH MAX)
	POWER	_____ W	CHARACTERISTIC IMPEDANCE	50 Ω (0 TO 6 GHz)
	PECULIARITY	_____	APPLICABLE CABLE	_____

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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CONSTRUCTION

GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X	X
MARKING	CONFIRMED VISUALLY.		-	-

ELECTRIC CHARACTERISTICS

CONTACT RESISTANCE	mA MAX (DC OR 1000 Hz).	CENTER CONTACT	mΩ MAX.	-	-
		OUTER CONTACT	mΩ MAX.	-	-
INSULATION RESISTANCE	100 V DC	500	MΩ MIN.	X	-
VOLTAGE PROOF	250 V AC FOR 1 min.CURRENT LEAKAGE 2mA MAX.	NO FLASHOVER OR BREAKDOWN.		X	-
VOLTAGE STANDING WAVE RATIO	FREQUENCY 0.045 TO 6 GHz.	VSWR	1.3 MAX.	X	-
INSERTION LOSS	FREQUENCY TO GHz.			-	-

MECHANICAL CHARACTERISTICS

CONTACT INSERTION AND EXTRACTION FORCES	MEASURED 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 (W.FL2 SIDE)	10000 TIMES INSERTIONS AND EXTRACTIONS. (400-600 cycles per hour)	1) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		X	-
VIBRATION	FREQUENCY TO Hz SINGLE AMPLITUDE mm, m/s ² AT CYCLES FOR DIRECTIONS.	1) NO ELECTRICAL DISCONTINUITY OF μs. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		-	-
SHOCK	m/s ² DIRECTIONS OF PULSE ms AT TIMES FOR DIRECTIONS.			-	-
CABLE CLAMP ROBUSTNESS (AGAINST CABLE PULL)	APPLYING A PULL FORCE THE CABLE AXIALLY AT N MAX.	1) NO WITHDRAWAL AND BREAKAGE OF CABLE. 2) NO BREAKAGE OF CLAMP.		-	-

ENVIRONMENTAL CHARACTERISTICS

DAMP HEAT,CYCLIC	EXPOSED AT TO °C, ~ % TOTAL CYCLES (h)	1) INSULATION RESISTANCE: MΩ MIN. (AT HIGH HUMIDITY) 2) INSULATION RESISTANCE: MΩ MIN. (AT DRY) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	-	-
RAPID CHANGE OF TEMPERATURE	TEMPERATURE → → → °C TIME → → → min. UNDER CYCLES.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	-	-
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	NO AIR LEAKAGE.	X	-

COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
0				

REMARK RoHS COMPLIANT	APPROVED	TS. NOBE	13. 04. 22
	CHECKED	NK. NINOMIYA	13. 04. 22
	DESIGNED	YI. FUNADA	13. 04. 22
	DRAWN	YI. FUNADA	13. 04. 22

Unless otherwise specified, refer to JIS C 5402.

Note QT:Qualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.	ELC4-343733-00
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HRS	SPECIFICATION SHEET	PART NO.	W. FL2P-ML51. J-PA (F) -ST	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL311-0457-4-00	△ 1/1