APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-30°C TO +60°C(95%RH MAX)	STORAGE TEMPERATURE RANGE	-30°C TO +50°C(95%RH MAX)
	POWER	——— W	CHARACTERISTIC IMPEDANCE	75Ω (0 TO 3⚠1 GHz)
	PECULIARITY	———	APPLICABLE CABLE	1.5CCA-EXBV(LF)

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 15 mΩ MAX.	X	X
		OUTER CONTACT 6 mΩ MAX.	X	X
INSULATION RESISTANCE	250 V DC.	1000 MΩ MIN.	X	X
VOLTAGE PROOF	250 V AC FOR 1 min.CURRENT LEAKAGE 2mA MAX.	NO FLASHOVER OR BREAKDOWN.	X	X
VOLTAGE STANDING WAVE RATIO ⚠1 (Return Loss)	FREQUENCY 0.045 TO 3 ⚠1 GHz.	VSWR 1.3 MAX. ⚠1 Retuen Loss 17.7 dB MIN .	X	—
INSERTION LOSS	FREQUENCY TO GHz	dB MAX.	—	—
MECHANICAL CHARACTERISTICS				
CONTACT INSERTION AND EXTRACTION FORCES	$\phi 0.3^{0}_{-0.005}$ BY STEEL GAUGE.	INSERTION FORCE N MAX.	—	—
		EXTRACTION FORCE 0.2 N MIN.	X	X
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE N MAX.	—	—
		EXTRACTION FORCE 4.9 N MIN	X	X
MECHANICAL OPERATION	500 TIMES INSERTIONS AND EXTRACTIONS.	1) CONTACT RESISTANCE: CENTER CONTACT 19 mΩMAX.CHANGE OUTER CONTACT 10 mΩMAX.CHANGE 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 1μs. 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 40 N MAX.	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(240h).	1) INSULATION RESISTANCE: 10 MΩ MIN. (AT HIGH HUMIDITY) 2) INSULATION RESISTANCE: 1000 MΩ MIN. (AT DRY) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -30 → — → +60 → — °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
⚠4	4	DIS-D-002444	MA. SAEKI	TS. NOBE	12.05.08

REMARK
RoHS COMPLIANT

Unless otherwise specified, refer to JIS C 5402.

APPROVED	IJ. MITANI	07.06.26
CHECKED	KY. SHIMIZU	07.06.26
DESIGNED	HS. TAKEUCHI	07.06.26
DRAWN	HS. TAKEUCHI	07.06.26

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

DRAWING NO. ELC4-310716-00

HRS	SPECIFICATION SHEET	PART NO.	PL75-P-1.5CV	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL334-0078-0-00 ⚠4	1/1

FORM HD0011-2-1