	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△						△					
△						△					

APPLICABLE STANDARD

RATING	OPERATING TEMPERATURE RANGE	−40°C TO +90°C(90%RH MAX.)	STORAGE TEMPERATURE RANGE	−20°C TO +70°C(90%RH MAX.)
	POWER	−W	CHARACTERISTIC IMPEDANCE	50Ω (0 TO 6GHz)
	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.		−	−
ELECTRIC CHARACTERISTICS				
CONTACT RESISTANCE	10 mA MAX (DC OR 1000 Hz).	CENTER CONTACT INITIAL : 20 mΩ MAX. AFTER TESTING : 40 mΩ MAX.	X	−
		OUTER CONTACT INITIAL : 20 mΩ MAX. AFTER TESTING : 40 mΩ MAX.	X	−
INSULATION RESISTANCE	100V DC.	INITIAL : 500 MΩ MIN. AFTER TESTING : 100 MΩ MIN.	X	−
VOLTAGE PROOF	200V AC FOR 1 min. CURRENT LEAKAGE 2mA MAX.	NO FLASHOVER OR BREAKDOWN.	X	−
VOLTAGE STANDING WAVE RATIO	FREQUENCY 0.045 TO 3 GHz.	VSWR 1.3 MAX.	X	−
	FREQUENCY 3 TO 6 GHz.	VSWR 1.4 MAX.		
	FREQUENCY 6 TO 8 GHz.	VSWR 1.5 MAX.		
MECHANICAL CHARACTERISTICS				
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE 30 N MAX.	−	−
		EXTRACTION FORCE INITIAL : 3 N MIN.	−	−
MECHANICAL OPERATION	20 TIMES INSERTIONS AND EXTRACTIONS.	1) CONTACT RESISTANCE : 40 mΩ MAX. (CENTER CONTACT and OUTER CONTACT) 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	−
VIBRATION	FREQUENCY 10 TO 100 Hz SINGLE AMPLITUDE 1.5 mm, 59 m/s² AT 3 CYCLES FOR 3 DIRECTIONS.	1) NO ELECTRICAL DISCONTINUITY OF 1μs. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	−
SHOCK	735 m/s² DIRECTIONS OF PULSE 11ms AT 3 TIMES FOR 6 DIRECTIONS.		X	−
ENVIRONMENTAL CHARACTERISTICS				
DAMP HEAT	EXPOSED AT 40±2°C, 90~95% TOTAL 96 h.	1) INSULATION RESISTANCE : 100 MΩ MIN. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	−
RAPID CHANGE OF TEMPERATURE	TEMPERATURE −40 → 5−35 → +90 → 5−35 °C TIME 30 → 3 → 30 → 3 min UNDER 5 CYCLES.	1) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	−
CORROSION SALT MIST	EXPOSED IN 5±1% SALT WATER SPRAY FOR 48h.	1) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	−

REMARKS RoHS COMPLIANT

The quantity of this product is 10000 connectors per reel.
Unless otherwise specified, refer to JIS C5402.

DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
AHN 19.07.03 W.Y	AHN 19.07.03 W.Y	KIM 19.07.03 H.S	KIM 19.07.03 H.S	ENG 19.07.03 DEPT

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

HIROSE KOREA CO.,LTD	SPECIFICATION SHEETS	PART NO. K.FL2-R-SMT-1(800)
CODE(OLD) CL	DRAWING NO. ELC4-632042-80	CODE NO. CL 6345-0002-1-800

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