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 In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

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				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	
The quantity of this product is 10000 connectors per reel. Unless otherwise specified, refer to JIS C5402.									
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			1 1	