

	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			1	1