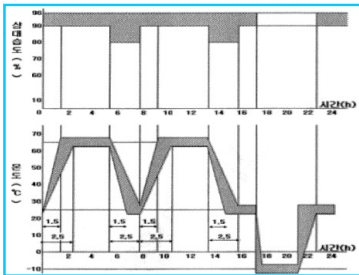


	Count	Description of revisions	By	Chkd	Date		Count	Description of revisions	By	Chkd	Date
△						△					
△						△					
Applicable standard											
Rating	Operating temperature range		-40℃ ~ + 90℃			Storage temperature range		-30℃ ~ +70℃			
	Power		---W			Characteristic impedance		50Ω (0 to 8GHz)			
	Peculiarity		---			Applicable cable		-			
SPECIFICATIONS											
ITEM		TEST METHOD				REQUIREMENTS			QT	AT	
CONSTRUCTION											
General examination		Visually and by measufing instrument.				According to drawing.			O	O	
Marking		Confirmed visually.							O	O	
ELECTRICAL CHARACTERISTICS											
Contact resistance		Mate applicable connector and apply a current of 10 mA AC(Or 10,000Hz).				Center contact : 30 mΩ Max. Outer contact : 30 mΩ Max.			O	-	
Insulation resistance		Mate applicable connector and apply a voltage of DC 100 V.				500 MΩ Min.			O	-	
Voltage proof		Mate applicable and apply a voltage of AC 200 V for 1 min.				No flashover or breakdown.			O	-	
Voltage standing wave ratio (Note 2)		Frequency 0 to 8GHz.				VSWR 1.6 Max.			O	-	
MECHANICAL CHARACTERISTICS											
Mechanical operation		30 times insertions and extractions.				① Contact resistance Center contact : 50 mΩ Max. Outer contact : 50 mΩ Max. ② No damage, crack and looseness of parts.			O	-	
Shock		980 m/s ² direction of pulse 6ms at 10 times in 3 directions.				① No electrical discontinuity of 1μs. ② Contact resistance Center contact : 50 mΩ Max. Outer contact : 50 mΩ Max. ③ No damage, crack and looseness of parts.			O	-	
ENVIRONMENTAL CHARACTERISTICS											
Rapid change of temperature (NOTE 1)		Temperature : -40±2 → 15~35 → +90±2 → 15~35 ℃ Time : 30 → 5 → 30 → 5 min Under 200 cycles.				① Contact resistance Center contact : 50 mΩ Max. Outer contact : 50 mΩ Max.			O	-	
Damp heat, cycle (NOTE 1)		Exposed at 25±2 ℃, 65 % 25 h.  Under 10 cycles.				② No damage, crack or looseness of parts. ③ Insulation resistance : 10 MΩ Min.			O	-	
Remarks conditions for testing					Drawn	Designed	Checked	Approved	Released		
					H.G PARK	H.G PARK	D.G KIM	H.S KIM	ENG 19.12.13 DEPT		
Unless otherwise specified, refer to JIS C 5402.					19.03.06	19.03.06	19.03.06	19.03.06			
Note QT: Qualification test AT: Assurance test O: Applicable test											
HIROSE KOREA CO.,LTD.			SPECIFICATION SHEET				Part No. U.FL-R-SMT-K(800)				
Code No.(OLD) CL		Drawing No. ELC4-632635			Code No. CL 6327-0362-5-800			1/2			

Dry heat (NOTE 1)	Exposed at 90±2 ℃, 300 h.	① Contact resistance Center contact : 50 mΩ Max. Outer contact : 50 mΩ Max. ② No damage, crack or looseness of parts. ③ Insulation resistance : 10 MΩ Min.	O	—
Damp and humidity heat (NOTE 1)	Exposed at 90±2 ℃, 85%, 500 h.	① Contact resistance Center contact : 50 mΩ Max. Outer contact : 50 mΩ Max. ② No damage, crack or looseness of parts. ③ No evidence of corrosion which affects to operation of connector. ④ Insulation resistance : 10 MΩ Min.	O	—
Corrosion salt spray (NOTE 1)	Exposed at 35±2 ℃, 5±1 % salt water spray for 48 h.	① Contact resistance Center contact : 50 mΩ Max. Outer contact : 50 mΩ Max. ② No damage, crack or looseness of parts. ③ No evidence of corrosion which affects to operation of connector.	O	—
Sulfur dioxide test (NOTE 1)	Exposed in 10 PPM, 40±2 ℃, 90~95 % FOR 24 h.		O	—
Dust resistance (NOTE 1)	1) Kind of dust : JIS R5210 cement of portland, 1.5 Kg. 2) 10 seconds every 15 minutes, 1h progressing.	① Contact resistance Center contact : 50 mΩ Max. Outer contact : 50 mΩ Max. ② No damage, crack or looseness of parts. ③ Insulation resistance : 10 MΩ Min.	O	—
Resistance to soldering heat	Reflow soldering : Peak temp : 260 ℃ Max for 30 s Min. Reflow temp : 180 ℃ for 60~120 s. 3 cycle.	① No deformation of case of excessive looseness of the terminals. ② No damage of electrical performance coating of solder.	O	—

COMBINE VIBRATION CHARACTERISTICS

Combine vibration test (NOTE 1)	Exposed at 85±2℃, 90~95 %, 120 cycles (45 min : 0n, 15 min : Off) Vibration acceleration 4.4 g (43.12 m/s ²). Frequency 20 ~ 200 Hz at 40 h, in 3 directions.	① No electrical discontinuity of 1 μs. ② Contact resistance Center contact : 50 mΩ Max. Outer contact : 50 mΩ Max. ③ No damage, crack and looseness of parts.	O	—
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(NOTE 1) 10 times insertions and extractions the pre-test / exposed 24h.

Exposed 2h after the test.

(Note 2) Test item[VSWR] and conducted according to the conditions specified below.

Note QT: Qualification test AT: Assurance test O: Applicable test				
HIROSE KOREA CO.,LTD.		SPECIFICATION SHEET		Part No. U.FL-R-SMT-K(800)
Code No.(OLD) CL	Drawing No. ELC4-632635	Code No.	CL 6327-0362-5-800	2/2