

APPLICABLE STANDARD							
RATING	OPERATING TEMPERATURE RANGE	-40°C TO +85°C(95%RH MAX)		STORAGE TEMPERATURE RANGE	-40°C TO +85°C(95%RH MAX)		
	POWER	_____ W		CHARACTERISTIC IMPEDANCE	50 Ω (0 TO 6 GHz)		
	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	mA MAX (DC OR 1000 Hz).		CENTER CONTACT	mΩMAX.		-	-
			OUTER CONTACT	mΩMAX.		-	-
INSULATION RESISTANCE	250 V DC		5 0 0 MΩ MIN.		X	X	
VOLTAGE PROOF	300 V AC FOR 1 min.CURRENT LEAKAGE 2mA MAX.		NO FLASHOVER OR BREAKDOWN.		X	X	
VOLTAGE STANDING WAVE RATIO	FREQUENCY 0.045 TO 6 GHz.		VSWR	1. 2 MAX.		X	-
INSERTION LOSS	FREQUENCY TO GHz		dB MAX.		-	-	
MECHANICAL CHARACTERISTICS							
CONTACT INSERTION AND EXTRACTION FORCES	MEASURED BY STEEL GAUGE.		INSERTION FORCE	N MAX.		-	-
	MEASURED BY STEEL GAUGE.		EXTRACTION FORCE	N MIN.		-	-
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.		INSERTION FORCE	N MAX.		-	-
			EXTRACTION FORCE	N MAX.		-	-
MECHANICAL OPERATION (U.FL SIDE)	U.FL : 10000 TIMES INSERTIONS AND EXTRACTIONS. HRM : 500 TIMES INSERTIONS AND EXTRACTIONS.		1) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		X	-	
VIBRATION	FREQUENCY TO Hz SINGLE AMPLITUDE mm, m/s ² AT CYCLES FOR DIRECTIONS.		1) NO ELECTRICAL DISCONTINUITY OF μs. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		-	-	
SHOCK	m/s ² DIRECTIONS OF PULSE ms AT TIMES FOR DIRECTIONS.				-	-	
CABLE CLAMP ROBUSTNESS (AGAINST CABLE PULL)	APPLYING A PULL FORCE THE CABLE AXIALLY AT N MAX.		1) NO WITHDRAWAL AND BREAKAGE OF CABLE. 2) NO BREAKAGE OF CLAMP.		-	-	
ENVIRONMENTAL CHARACTERISTICS							
DAMP HEAT,CYCLIC	EXPOSED AT TO °C, ~ % TOTAL CYCLES (h)		1) INSULATION RESISTANCE: MΩ MIN. (AT HIGH HUMIDITY) 2) INSULATION RESISTANCE: MΩ MIN. (AT DRY) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		-	-	
RAPID CHANGE OF TEMPERATURE	TEMPERATURE → → → °C TIME → → → min. UNDER CYCLES.		NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		-	-	
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 4 8 h.		NO AIR LEAKAGE.		X	-	
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE		
	0						
REMARK				APPROVED	I.J. MITANI	07. 06. 07	
RoHS COMPLIANT				CHECKED	KY. SHIMIZU	07. 06. 07	
This connector to be used under floating conditions.				DESIGNED	TO. KATAYAMA	07. 06. 07	
U.FL side to be pressed on to the mating pair at 2N max.				DRAWN	NK. OOSAWA	07. 06. 06	
Unless otherwise specified, refer to JIS C 5402.				DRAWING NO.		ELC4-304273-40	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO.		ELC4-304273-40	
HRS	SPECIFICATION SHEET		PART NO.	HRMJ-U. FLP-ST3 (40)			
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL311-0388-3-40		△	1/1

