

APPLICABLE STANDARD		SPECIFICATIONS			
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO 85 °C	STORAGE TEMPERATURE RANGE	-10 °C TO 60 °C ⁽³⁾	
	VOLTAGE	100 V AC	OPERATING HUMIDITY RANGE	40 % TO 80 %	
	CURRENT	0.4 A	STORAGE HUMIDITY RANGE	40 % TO 70 % ⁽³⁾	
ITEM	TEST METHOD	REQUIREMENTS		QT	AT
CONSTRUCTION					
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
MARKING	CONFIRMED VISUALLY.			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).	80 mΩ MAX. ⁽¹⁾		<input checked="" type="checkbox"/>	—
CONTACT RESISTANCE	20 mV MAX, 1 mA(DC OR 1000Hz)	100 mΩ MAX. ⁽²⁾		<input checked="" type="checkbox"/>	—
MILLIVOLT LEVEL METHOD					
INSULATION RESISTANCE	250 V DC.	100 MΩ MIN.		<input checked="" type="checkbox"/>	—
VOLTAGE PROOF	300 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.		<input checked="" type="checkbox"/>	—
MECHANICAL CHARACTERISTICS					
MECHANICAL OPERATION	50 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: 100 mΩ MAX. ⁽²⁾ ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		<input checked="" type="checkbox"/>	—
VIBRATION	FREQUENCY 10 TO 55 Hz, AMPLITUDE : 1.5 mm, AT 2 h FOR 3 DIRECTION.	① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② CONTACT RESISTANCE: 100 mΩ MAX. ⁽²⁾		<input checked="" type="checkbox"/>	—
SHOCK	490 m/s ² , DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.	③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		<input checked="" type="checkbox"/>	—
ENVIRONMENTAL CHARACTERISTICS					
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2 °C, 90 ~ 95 %, 96 h.	① CONTACT RESISTANCE: 100 mΩ MAX. ⁽²⁾ ② INSULATION RESISTANCE: 100 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		<input checked="" type="checkbox"/>	—
RAPID CHANGE OF TEMPERATURE	TEMPERATURE-55→+15~+35→+85→+15~+35°C TIME 30 → 2~3 → 30 → 2~3 min UNDER 5 CYCLES.			<input checked="" type="checkbox"/>	—
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	① CONTACT RESISTANCE: 100 mΩ MAX. ⁽²⁾ ② NO HEAVY CORROSION.		<input checked="" type="checkbox"/>	—
HYDROGEN SULPHIDE	EXPOSED IN 3 PPM FOR 96 h. (TEST STANDARD: JEIDA-38)			<input checked="" type="checkbox"/>	—
RESISTANCE TO SOLDERING HEAT	1) REFLOW SOLDERING : 250 °C MAX, : 220 °C MIN, FOR 60 s 2) SOLDERING IRONS : 360 °C, FOR 5 s	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.		<input checked="" type="checkbox"/>	—
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, 240 ± 3°C, FOR IMMERSION DURATION, 3 s.	A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.		<input checked="" type="checkbox"/>	—
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
					
REMARK				APPROVED	HS. OKAWA
(1) THIS CONNECTOR'S INITIAL CONTACT RESISTANCE SHALL BE 80 mΩ, BECAUSE OF THE BULK RESISTANCE OF STACKING HEIGHT 16 mm TYPE.				CHECKED	HS. OZAWA
(2) AFTER TEST, THE CHANCE OF THE CONTACT RESISTANCE SHALL BE 20 mΩ MAX.				DESIGNED	KY. NAKAMURA
(3) THIS STORAGE INDICATES A LONG-TERM STORAGE STATE FOR THE UNUSED PRODUCT BEFORE THE BOARD MOUNTED.				DRAWN	KY. NAKAMURA
Unless otherwise specified, refer to JIS C 5402.					07.02.07
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-150821-25
	SPECIFICATION SHEET		PART NO.	FX8C-60P-SV(71)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL578-0501-9-71	 1/1