

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
1	RE-F-4302	S.M.	M.T	'95.8.22					
APPLICATION STANDARD									
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO +85 °C			STORAGE TEMPERATURE RANGE	°C TO °C			
	VOLTAGE	100 V AC			OPERATING HUMIDITY RANGE	% TO %			
	CURRENT	0.4 A			APPLICABLE CABLE				
SPECIFICATIONS									
ITEM	TEST METHOD			REQUIREMENT			QT	AT	
CONSTRUCTION									
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING			<input type="radio"/>	<input type="radio"/>	
MARKING	CONFIRMED VISUALLY						<input type="radio"/>	<input type="radio"/>	
ELECTRICAL CHARACTERISTICS									
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz)			45 mΩ MAX.			<input type="radio"/>	<input type="radio"/>	
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD	20 mV MAX, 1 mA (DC OR 1000 Hz)			55 mΩ MAX.			<input type="radio"/>	<input type="radio"/>	
INSULATION RESISTANCE	250 V DC			100 MΩ MIN.			<input type="radio"/>	<input type="radio"/>	
VOLTAGE PROOF	300 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN			<input type="radio"/>	<input type="radio"/>	
MECHANICAL CHARACTERISTICS									
CONTACT INSERTION AND EXTRACTION FORCES	BY STEEL GAUGE.			INSERTION FORCE: N MAX. EXTRACTION FORCE: N MIN.			<input type="radio"/>	<input type="radio"/>	
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.			INSERTION FORCE: (0.7 × ***) N MAX. WITHDRAWAL FORCE: (0.065 × ***) N MIN.			<input type="radio"/>	<input type="radio"/>	
MECHANICAL OPERATION	50 TIMES INSERTION AND EXTRACTIONS.			1) CONTACT RESISTANCE: 55 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PART.			<input type="radio"/>	<input type="radio"/>	
VIBRATION	FREQUENCY: 10 TO 55 Hz, SINGLE AMPLITUDE: 0.75 mm, - m/s ² AT 2 h FOR 3 DIRECTIONS.			1) NO ELECTRICAL DISCONTINUITY OF 1 μs 2) CONTACT RESISTANCE: 55 mΩ MAX. 3) NO DAMAGE, CRACK AND LOOSENESS OF PART.			<input type="radio"/>	<input type="radio"/>	
SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.						<input type="radio"/>	<input type="radio"/>	
ENVIRONMENTAL CHARACTERISTICS									
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2 °C, 90~95 %, 96 h.			1) CONTACT RESISTANCE: 55 mΩ MAX. 2) INSULATION RESISTANCE: 100 MΩ MIN.			<input type="radio"/>	<input type="radio"/>	
RAPID CHAGE OF TEMPERATURE	TEMPERTURE -55→+5→+35→+85→+5→+35 °C TIME 30→10→15→30→10→15 min. UNDER 5 CYCLES.			3) NO DAMAGE, CRACK AND LOOSENESS OF PART.			<input type="radio"/>	<input type="radio"/>	
DAMP HEAT,CYCLIC	EXPOSED AT °C, TO %, TOTAL CYCLES(h).			1) CONTACT RESISTANCE: mΩ MAX. 2) INSULATION RESISTANCE: MΩ MIN.(AT HIGH HUMIDITY) 3) INSULATION RESISTANCE: MΩ MIN.(AT DRY) 4) NO DAMAGE, CRACK AND LOOSENESS OF PART.			<input type="radio"/>	<input type="radio"/>	
DRY HEAT	EXPOSED AT °C, h.			1) CONTACT RESISTANCE: mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PART.			<input type="radio"/>	<input type="radio"/>	
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			1) CONTACT RESISTANCE: 55 mΩ MAX. 2) NO HEAVY CORROSION.			<input type="radio"/>	<input type="radio"/>	
HYDROGEN SULPHIDE	EXPOSED IN 3 PPM FOR 96 h. (TEST STANDARD:JEIDA-38)						<input type="radio"/>	<input type="radio"/>	
SULPHUR DIOXIDE	EXPOSED IN PPM FOR h. (TEST STANDARD:JEIDA-39)						<input type="radio"/>	<input type="radio"/>	
RESISTANCE TO SOLDERING HEAT	SOLDER TEMPERATURE, °C FOR IMMERSION,DURATION, s.			NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINAL.			<input type="radio"/>	<input type="radio"/>	
SOLDABILITY	SOLDERED AT SOLDER TEMPERATURE, °C FOR IMMERSION DURATION, s.			A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.			<input type="radio"/>	<input type="radio"/>	
REMARKS	DRAWN		DESIGNED	CHECKED	APPROVED	RELEASED			
S. MORITA '95. 4. 20		J. MATSUKAWA '95. 4. 20	M. TOMITA '95. 4. 20	Y. YOSHIMURA '95. 4. 20					
UNLESS OTHERWISE SPECIFIED, REFER TO JIS C 5402.									
NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST <input type="radio"/> : APPLICABLE TEST									
HRS HIROSE ELECTRIC CO.,LTD.		SPECIFICATION SHEET				PART NO. FX8-***S-SV			
CODE NO.(OLD) CL		DRAWING NO. SLC4-150730		CODE NO. CL 578 -		1 1			