

In case of consideration for using Automatic equipment/device which demand high reliability, kindly contact our sales window correspondents.

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE				
APPLICATION STANDARD													
OPERATING TEMPERATURE RANGE		-55 °C TO +85 °C			STORAGE TEMPERATURE RANGE		— °C TO — °C						
RATING VOLTAGE		100 V AC			OPERATING HUMIDITY RANGE		— % TO — %						
CURRENT		0.4 A			APPLICABLE CABLE		—						
SPECIFICATIONS													
ITEM					TEST METHOD		REQUIREMENT						
CONSTRUCTION					TEST METHOD		REQUIREMENT						
GENERAL EXAMINATION					VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING						
MARKING					CONFIRMED VISUALLY								
ELECTRICAL CHARACTERISTICS													
CONTACT RESISTANCE					100 mA (DC OR 1000 Hz)		45 mΩ MAX.		○				
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD					20 mV MAX, 1 mA (DC OR 1000 Hz)		55 mΩ MAX.		○				
INSULATION RESISTANCE					250 V DC		100 MΩ MIN.		○				
VOLTAGE PROOF					300 V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN		○				
MECHANICAL CHARACTERISTICS													
CONTACT INSERTION AND EXTRACTION FORCES					BY STEEL GAUGE.		INSERTION FORCE: N MAX. N MIN.		—				
INSERTION AND WITHDRAWAL FORCES					MEASURED BY APPLICABLE CONNECTOR.		INSERTION FORCE: (0.7 x ※※) N MAX. WITHDRAWAL FORCE: (0.085 x ※※) N MIN.		○				
MECHANICAL OPERATION					50 TIMES INSERTION AND EXTRACTIONS.		1) CONTACT RESISTANCE: 55 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PART.		○				
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.		○				
SHOCK					490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.				○				
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.		○				
RAPID CHANGE OF TEMPERATURE					TEMPERATURE -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.		○				
DAMP HEAT, CYCLIC					EXPOSED AT % TOTAL TO °C, TO °C, TO °C, h. TO 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.		—				
DRY HEAT					EXPOSED AT °C, h.		1) CONTACT RESISTANCE: mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PART.		—				
CORROSION SALT MIST					EXPOSED IN 5% SALT WATER SPRAY FOR 48 h.		1) CONTACT RESISTANCE: 55 mΩ MAX. 2) NO HEAVY CORROSION.		○				
HYDROGEN SULPHIDE					EXPOSED IN 3 PPM FOR 96 h. (TEST STANDARD: JEIDA-38)				○				
SULPHUR DIOXIDE					EXPOSED IN PPM FOR h. (TEST STANDARD: JEIDA-39)				—				
RESISTANCE TO SOLDERING HEAT					SOLDER TEMPERATURE, °C FOR IMMERSION DURATION, s.		NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINAL.		—				
SOLDERABILITY					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 IMMERSIED.		—				
REMARKS													
				DRAWN <i>S. Naito</i>		DESIGNED <i>Matsubara</i>		CHECKED <i>M. Tani</i>		APPROVED <i>M. Yoshimura</i>		RELEASED	
UNLESS OTHERWISE SPECIFIED, REFER TO JIS C 5402.													
NOTE		QT: QUALIFICATION TEST		AT: ASSURANCE TEST		O: APPLICABLE TEST							
CODE NO.(OLD)		DRAWING NO.		CODE NO.		PART NO.							
CL		SLC4-150730-01		CL 578		FX8-※※S-SV(21)						1	
FORM NO. 231-1													

TO
PCM

