

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO +85 °C ⁽¹⁾	STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C ⁽²⁾	
	VOLTAGE	200 V AC	OPERATING HUMIDITY RANGE	RELATIVE HUMIDITY 85% MAX (NOT DEWED)	
	CURRENT	1 A	STORAGE HUMIDITY RANGE		
	APPLICABLE CABLE (AWG SIZE)	AWG28	APPLICABLE CABLE (OUTER DIAMETER)	φ 0.8 TO 1.0 mm	
SPECIFICATIONS					
ITEM		TEST METHOD		REQUIREMENTS	
QT		AT			
CONSTRUCTION					
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	
MARKING		CONFIRMED VISUALLY.			
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE		100 mA (DC or 1000 Hz).		15 mΩ MAX.	
INSULATION RESISTANCE		500 V DC.		1000 MΩ MIN.	
VOLTAGE PROOF		650 V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.	
MECHANICAL CHARACTERISTICS					
VIBRATION		FREQUENCY 10 TO 55 Hz, AMPLITUDE : 1.5 mm, AT 2 h FOR 3 DIRECTION.		① NO ELECTRICAL DISCONTINUITY OF 1 μs.	
SHOCK		490 m/s ² , DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	
ENVIRONMENTAL CHARACTERISTICS					
DAMP HEAT (STEADY STATE)		EXPOSED AT 40±2 °C, 90 ~ 95 %, 96 h.		① CONTACT RESISTANCE: 15 mΩ MAX.	
RAPID CHANGE OF TEMPERATURE		TEMPERATURE-65→+15~+35→+125→+15~+35°C TIME 30 → 10~15 → 30 → 10~15 min UNDER 5 CYCLES.		② INSULATION RESISTANCE:1000 MΩ MIN.	
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.		③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	
				① CONTACT RESISTANCE: 15 mΩ MAX.	
				② NO HEAVY CORROSION.	