

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△					△				
△					△				
APPLICABLE STANDARD									
RATING	OPERATING TEMPERATURE RANGE	-35 °C TO 85 °C(NOTE 1)			STORAGE TEMPERATURE RANGE	-10°C TO 60 °C			
	VOLTAGE	150 V AC			APPLICABLE CONNECTORS	—			
	CURRENT	1 A			OPERATING HUMIDITY RANGE	UL1571 : AWG30・32			
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		20 mV MAX, 1 mA(DC OR 1000 Hz).			30 mΩMAX.			×	—
MECHANICAL CHARACTERISTICS									
CONTACT INSERTION AND EXTRACTION FORCES		□0.3+0.005 BY STEEL GAUGE.			INSERTION FORCE 3.0 N MAX. EXTRACTION FORCE 0.15 N MIN.			×	—
MECHANICAL OPERATION		50 TIMES INSERTIONS AND EXTRACTIONS.			① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			×	—
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75mm AT 2 h, FOR 3 DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF 1μs. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			×	—
SHOCK		490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION.						×	—
ENVIRONMENTAL CHARACTERISTICS									
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 →5 TO 35→85 →5 TO 35 °C TIME 30 →10 TO 15→30→10 TO 15 min UNDER 5 CYCLES.			① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 500MΩMIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			×	—
DAMP HEAT (STEADY STATE)		EXPOSED AT 40±2 °C, 90 TO 95 %, 96 h.			① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 500MΩMIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			×	—
CORROSION, SALT MIST		EXPOSED IN 5% SALT WATER SPRAY FOR 48 h.			① NO HEAVY CORROSION.			×	—
SULPHUR DIOXIDE		EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD : JEIDA-39)			① NO HEAVY CORROSION.			×	—
REMARKS									
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
					I. DENPOUYA	I. DENPOUYA	H. Umehara	K. Katayama	
Unless otherwise specified, refer to MIL-STD-1344.					'01.12.6	'01.12.6	'01.12.6	'01.12.6	
Note QT: Qualification Test AT: Assurance Test ×: Applicable Test									
HS HIROSE ELECTRIC CO., LTD.					SPECIFICATION SHEET			PART NO. DF14-3032SCFA	
CODE NO.(OLD)		DRAWING NO.			PEART NO			1/1	
CL		ELC4-160552			CL538-0004-5				

