

COUNT	DESCRIPTION OF REVISIONS			BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS			BY	CHKD	DATE		
△							△								
△							△								
APPLICABLE STANDARD															
RATING	VOLTAGE	250 V AC			OPERATING TEMPERATURE RANGE		-30 °C TO +85 °C (NOTE1)								
	CURRENT	3A			STORAGE TEMPERATURE RANGE		-10 °C TO +60 °C (NOTE2)								
SPECIFICATIONS															
ITEM		TEST METHOD				REQUIREMENTS				QT	AT				
CONSTRUCTION															
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.				X	X					
MARKING	CONFIRMED VISUALLY.								X	X					
ELECTRIC CHARACTERISTICS															
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).				30 mΩ MAX.				X	—					
INSULATION RESISTANCE	500V DC				1000 MΩ MIN				X	—					
VOLTAGE PROOF	650V AC FOR 1 min				NO RFLASHOVER OR BREAKDOWN				X	—					
MECHANICAL CHARACTERISTICS															
MECHANICAL OPERATION	50TIMES INSERTIONS AND EXTRACTIONS.				① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK AND LOSENESS OF PARTS.				X	—					
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK AND LOSENESS OF PARTS.				X	—					
SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK AND LOSENESS OF PARTS.				X	—					
ENVIRONMENTAL CHARACTERISTICS															
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2 °C, 90 ~ 95 %, 96 h.				① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 1000MΩ MIN. NO DAMAGE, CRACK AND LOSENESS OF PARTS.				X	—					
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: 1000MΩ. ③ NO DAMAGE, CRACK AND LOSENESS OF PARTS.				X	—					
RESISTANCE TO SOLDERING HEAT	SOLDER TEMPERATURE, 260±5°C FOR IMMERSION, DURATION, 5S.				NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.				X	—					
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, 230±5°C FOR IMMERSION DURATION, 3S.				A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95% OF THE SURFACE BEING IMMERSED.				X	—					
REMARKS							DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED				
NOTE1: INCLUDING THE TEMPERATURE RISE BY CURRENT. NOTE2: APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFORE PCB ON BOARD, AFTER PCB BOARD, OPERATING TEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERIM STORAGE DURING TRANSPORTATION.							M.Nakamoto	<i>H.Umeshima</i>	<i>T.Miyazaki</i>	<i>T.Oma</i>					
Unless otherwise specified, refer to JIS C 5402.							'04.03.24	'04.03.24	'04.03.24	'04.03.25					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test															
HS HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET					PART NO.		DF3-*S-2DSA (55)						
CODE NO.(OLD) CL		DRAWING NO. ELC4-162329-11			PART NO.		CL543-				1	1			