

In case of consideration for using Autom otive equipm ent/device which dem and high reliability, kindly contactour sales w indow correspondents.

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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△					△				
△					△				

APPLICABLE STANDARD			
RATING	VOLTAGE	250 V AC	OPERATING TEMPERATURE RANGE
	CURRENT	3A	STORAGE TEMPERATURE RANGE
		-30 °C TO +85 °C(NOTE1)	
		-10 °C TO +60 °C(NOTE2)	
SPECIFICATIONS			
ITEM	TEST METHOD	REQUIREMENTS	Q/T 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 FLASHOVER OR BREAKDOWN	X —
MECHANICAL CHARACTERISTICS			
MECHANICAL OPERATION	50TIMES INSERTIONS AND EXTRACTATIONS.	① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X —
VIBRATION	FREQUENCY 10 TO 55 HZ, SINGLE AMPITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK AND LOOSENESS 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 LOOSENESS 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 LOOSENESS OF PARTS.	X —
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 →5 TO 35 →+85 →5 TO 35 °C TIME 30 →10 TO 15 →30 →10 TO15min UNDER 5 CYCLES.	① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE:1000MΩ.. ③ NO DAMAGE, CRACK AND LOOSENESS 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 IMMERSERD.	X —
REMARKS	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. Unless otherwise specified, refer to JIS C 5402.	DRAWN M.Nakamoto DESIGNED H. Yamahara CHECKED T. Miyagaki APPROVED T. Oara	RELEASED
Note Q1:Qualification Test AT:Assurance Test X:Applicable Test		DRAWN 04.03.24	RELEASED
HRS HIROSE ELECTRIC CO., LTD.		DESIGNED 04.03.24	RELEASED
SPECIFICATION SHEET		CHECKED 04.03.24	RELEASED
DF3-*S-2DSA (55)		APPROVED 04.03.25	RELEASED
CODE NO.(OLD)	DRAWING NO.	PART NO.	PART NO.
CL	ELC4-162329-11		CL543-
			1/1

TO

