

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

TO

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

APPLICABLE STANDARD		TEST METHOD		REQUIREMENTS		QT	AT				
RATING	OPERATING TEMPERATURE RANGE	-30°C TO +85 °C(NOTE1)	STORAGE TEMPERATURE RANGE	-10°C TO +60°C(NOTE2)							
	VOLTAGE	250 V AC	CURRENT	3 A							
SPECIFICATIONS											
GENERAL EXAMINATION				VISUALLY AND BY MEASURING INSTRUMENT.							
MARKING				CONFIRMED VISUALLY.							
ELECTRIC CHARACTERISTICS											
CONTACT RESISTANCE		100 mA (DC OR 1000 Hz).		30 mΩ MAX.		X	—				
INSULATION RESISTANCE		500 V DC.		1000MΩ MIN.		X	—				
VOLTAGE PROOF		650V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.		X	—				
MECHANICAL CHARACTERISTICS											
MECHANICAL OPERATION				30 TIMES INSERTIONS AND EXTRACTIONS.							
VIBRATION				FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.							
SHOCK				490 ms/2 DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.							
ENVIRONMENTAL CHARACTERISTICS											
RAPID CHANGE OF TEMPERATURE				TEMPERATURE -55 → 5~35 → +85 → 5~35 °C TIME 30→10~15 → 30 →10~15 min UNDER 5 CYCLES.							
DAMP HEAT (STEADY STATE)				EXPOSED AT 40 ± 2 °C, 90 ~ 95 %, 96 h.							
RESISTANCE TO SOLDERING HEAT				SOLDER TEMPERATURE, 260±5°C, FOR IMMERSION, DURATION, 10 s.							
SOLDERABILITY				SOLDERED AT SOLDER TEMPERATURE, 230±5 °C FOR INSERTION DURATION, 5 s.							
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. Unless otherwise specified, refer to JIS C 5402.		M.Nakamoto '04.04.16		<i>A. Tanaka</i> 04.04.16		<i>J. Oka</i> 04.04.16		<i>J. Oka</i> 04.04.16			
Note QT:Qualification Test AT:Assurance Test X:Applicable Test											
HRS HIROSE ELECTRIC CO., LTD.			SPECIFICATION SHEET			PART NO.			PART NO.		
CODE NO.(OLD)			DRAWING NO.			PART NO.			PART NO.		
CL			ELC4-162342-10			CL541			1/1		

