

TO

	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△						△					
△						△					
APPLICABLE STANDARD											
RATING	VOLTAGE	250V AC				CURRENT	3A				
	OPERATING TEMPERATURE RANGE	-35 °C TO +85 °C(NOTE1)				STORAGE TEMPERATURE RANGE	-10°C TO +60 °C(NOTE3)				
	OPERATING HUMIDITY RANGE	20% TO 80%(NOTE2)				STORAGE HUMIDITY RANGE	20% TO 70%(NOTE3)				
	APPLICABLE CONNECTOR	DF1B-*S-2.5R									
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		100mA (DC OR 1000 Hz).				30mΩ MAX.			×	—	
INSULATION RESISTANCE		500V DC.				1000MΩ MIN.			×	—	
VOLTAGE PROOF		650V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.			×	—	
MECHANICAL CHARACTERISTICS											
CONTACT INSERTION AND EXTRACTION FORCES		□0.635±0.002 BY STEEL GAUGE.				INSERTION FORCE 4.4N MAX EXTRACTION FORCE 0.4N MIN			×	—	
MECHANICAL OPERATION		50 TIMES INSERTIONS AND EXTRACTIONS.				① CONTACT RESISTANCE: 30mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			×	—	
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF 1μs.			×	—	
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.				② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			×	—	
ENVIRONMENTAL CHARACTERISTICS											
DAMP HEAT (STEADY STATE)		EXPOSED AT 40±2 °C, 90 ~ 95 %, 96 h.				① CONTACT RESISTANCE: 30mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			×	—	
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 →5 TO 35 →+85→5 TO35°C TIME 30 →10 TO 15 →30 →10 TO15min UNDER 5 CYCLES.				① CONTACT RESISTANCE: 30mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			×	—	
REMARKS NOTE1:INCLUDING THE TEMPERATURE RISE BY CURRENT. NOTE2:NO CONDENSING. NOTE3: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	DESIGNED	CHECKED	APPROVED	RELEASED	
						T.Kumogawa '04.03.05	T.Kumogawa '04.03.05	T.Miyajima '04.03.08	T.Oma 04.03.09		
Note QT:Qualification Test AT:Assurance Test ×:Applicable Test											
HRS HIROSE ELECTRIC CO., LTD.						SPECIFICATION SHEET			PART NO. DF1B- * P-2.5DS(01)		
CODE NO.(OLD) CL			DRAWING NO. ELC4-162412-01			PART NO. CL541			1/1		