

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

APPLICABLE STANDARD		TEST METHOD		REQUIREMENTS		QT	AT
RATING	OPERATING TEMPERATURE RANGE	-35 °C TO +85 °C(NOTE 1)	STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C(NOTE 3)			
	OPERATING HUMIDITY RANGE	40% TO 80%(NOTE 2)	STORAGE HUMIDITY RANGE	40% TO 70%(NOTE 3)			
	VOLTAGE	250 V AC	APPLICABLE CONNECTORS	DF1B- * ES-2.5RC(#)			
CURRENT	AWG20 TO 24 : AWG26 : AWG28 : AWG30 : 0.5 A	3 A	UL · CSA RATING	AC 30V	AWG20-22 : AWG24-28 : AWG30 : 0.5 A	3A	1A
		2 A			1A		
		1 A			0.5A		
SPECIFICATIONS							
ITEM	TEST METHOD			REQUIREMENTS			
CONSTRUCTION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.			
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.				
MARKING	CONFIRMED VISUALLY.						
ELECTRIC CHARACTERISTICS							
INSULATION RESISTANCE	500 V D.C.	1000 MΩ MIN.					
VOLTAGE PROOF	650 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.					
MECHANICAL CHARACTERISTICS							
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.	NO DAMAGE, CRACK OR LOOSENESS OF PARTS.					
SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.	NO DAMAGE, CRACK OR LOOSENESS OF PARTS.					
ENVIRONMENTAL CHARACTERISTICS							
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2 °C, 90 TO 95 %, 96 h.	① INSULATION RESISTANCE: 1000 MΩ MIN. ② NO DAMAGE, CRACK OR 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 TO 15 min UNDER 5 CYCLES.	① INSULATION RESISTANCE:1000 MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-			
REMARKS							
NOTE1:INCLUDING THE TEMPERATURE RISING BY CURRENT.							
NOTE2:NO CONDENSING.							
NOTE3:APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFORE PCB ON BOARD AFTER PCBOARD , OPERATING TEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERM STORAGE DURING TRANSPORTATION.							
Unless otherwise specified, refer to JIS C 5402.							
△	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE		
	1	D1S-H-005021	HT. SATO	HK. UMEHARA	10.07.22		
△ format change.							
			APPROVED	KJ. KATAYOSE	05.01.05		
			CHECKED	TY. OMA	05.01.05		
			DESIGNED	TS. KUMAZAWA	05.01.05		
			DRAWN	TS. KUMAZAWA	05.01.05		
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.	ELC4-160055-01			
HRS		SPECIFICATION SHEET	PART NO.	DF1B- *EP-2.5RC			
		HIROSE ELECTRIC CO., LTD.	CODE NO.	CL541			
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