

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

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

APPLICABLE STANDARD				STORAGE TEMPERATURE RANGE			
OPERATING TEMPERATURE RANGE				-10 °C TO +60 °C			
RATING				APPLICABLE CONTACT			
VOLTAGE	250 V	AC		DF1B- * P-2.5DS(A) DF1BA- * EP-2.5SRC			
CURRENT	AWG20-22	3A					
	AWG24-28	1A					
	AWG30	0.5A					

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QTY	AT
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CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X	X
MARKING	CONFIRMED VISUALLY.		X	X
ELECTRIC CHARACTERISTICS				
INSULATION RESISTANCE	5 0 0 VDC.	1 0 0 0 MΩ MIN.	X	-
VOLTAGE PROOF	6 5 0 VAC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	X	-
MECHANICAL CHARACTERISTICS				
MECHANICAL OPERATION 30 TIMES INSERTIONS AND EXTRACTATIONS.				
VIBRATION	FREQUENCY 10 TO 55 HZ, SINGLE AMPLITUDE 0.75 mm, - m/s ² AT 2 h, FOR 3 DIRECTIONS.	① NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-
SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.	① NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-

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.	① INSULATION RESISTANCE: 1000 MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 ± 2 °C, 90 ~ 95 %, 96 h.	① INSULATION RESISTANCE: 1000 MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-

REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
NOTE: INCLUDE THE TEMPERATURE RISING BY CURRENT.	<i>Y. Sano</i>	<i>Y. Sano</i>	<i>T. Miyagaki</i>	<i>K. Katafuchi</i>	
Unless otherwise specified, refer to MIL-STD-1344.	'00.9.14	'00.9.14	'00.9.14	'00.9.18	

<p>Note QT:Qualification Test AT:Assurance Test X:Applicable Test</p> <p>HRS LTD.</p> <p>HIROSE ELECTRIC CO.,</p>	<p>SPECIFICATION SHEET</p>	<p>DF1B- * S-2.5R</p>
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<p>CODE NO.(OLD)</p> <p>CL</p>	<p>DRAWING NO.</p> <p>ELC4-160017</p>	<p>PART NO.</p> <p>CL541</p>	<p>1</p>
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