

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		TEST METHOD		REQUIREMENTS		QTY	AT
RATING	OPERATING TEMPERATURE RANGE	-35 °C TO +85 °C(NOTE1)		STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C		
	VOLTAGE	250	V AC	APPLICABLE CONTACT	DF1B- * P-2.5DS(A) DF1BA- * EP-2.5SRC		
	CURRENT	AWG20-22	3A				
		AWG24-28	1A				
		AWG30	0.5A				

  

ITEM	TEST METHOD	REQUIREMENTS	QTY	AT
<b>CONSTRUCTION</b>				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X	X
MARKING	CONFIRMED VISUALLY.		X	X
<b>ELECTRIC CHARACTERISTICS</b>				
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	-
<b>MECHANICAL CHARACTERISTICS</b>				
MECHANICAL OPERATION 30 TIMES INSERTIONS AND EXTRACTATIONS.				
		① NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-
VIBRATION	FREQUENCY 10 TO 55 HZ, SINGLE AMPLITUDE 0.75 mm, - m/s <sup>2</sup> AT 2 h, FOR 3 DIRECTIONS.	① NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-
SHOCK	490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		X	-
<b>ENVIRONMENTAL CHARACTERISTICS</b>				
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. Unless otherwise specified, refer to MIL-STD-1344.	<i>Y. Sano</i>	<i>Y. Sano</i>	<i>T. Miyagaki</i>	<i>K. Kataoka</i>	
Note Q.T:Qualification Test AT:Assurance Test X:Applicable Test	'00.9.14	'00.9.14	'00.9.14	'00.9.18	

  

<b>HRS</b> LTD.	HIROSE ELECTRIC CO.,	SPECIFICATION SHEET	PART NO.	DF1B- * S-2.5R
CODE NO.(OLD)	DRAWING NO.	ELC4-160017	PART NO.	CL541
CL				1/1

