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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				
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<b>APPLICABLE STANDARD</b>													
<b>RATING</b>	OPERATING TEMPERATURE RANGE	-35 °C TO +85 °C (NOTE1)			STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C							
	VOLTAGE	250 V AC			APPLICABLE CONTACT								
	CURRENT	3 A			APPLICABLE CONNECTOR								
					APPLICABLE CABLE								
<b>SPECIFICATIONS</b>													
<b>ITEM</b>	<b>TEST METHOD</b>				<b>REQUIREMENTS</b>				<b>Q</b>	<b>T</b>	<b>A</b>	<b>T</b>	
<b>CONSTRUCTION</b>													
<b>GENERAL EXAMINATION</b>		VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.				○	○		
<b>MARKING</b>		CONFIRMED VISUALLY.								○	○		
<b>ELECTRICAL CHARACTERISTICS</b>													
<b>CONTACT RESISTANCE</b>		100 mA (DC OR 1000 Hz).				30 mΩ MAX.				○	—		
<b>CONTACT RESISTANCE MILLIVOLT LEVEL METHOD.</b>		20 mV MAX. mA (DC OR 1000 Hz).				mΩ MAX.				—	—		
<b>INSULATION RESISTANCE</b>		500 V DC				1000 MΩ MIN.				○	—		
<b>VOLTAGE PROOF</b>		650 V AC FOR 1 min				NO FLASHOVER OR BREAKDOWN.				○	—		
<b>MECHANICAL CHARACTERISTICS</b>													
<b>CONTACT INSERTION AND EXTRACTION FORCES</b>		BY STEEL GAUGE.				<b>INSERTION FORCE</b>		<b>N MAX.</b>		—	—		
						<b>EXTRACTION FORCE</b>		<b>N MIN.</b>		—	—		
<b>INSERTION AND WITHDRAWAL FORCES</b>		MEASURED BY APPLICABLE CONNECTOR.				<b>INSERTION FORCE</b>		<b>N MAX.</b>		—	—		
						<b>EXTRACTION FORCE</b>		<b>N MIN.</b>		—	—		
<b>MECHANICAL OPERATION</b>		≥ 20 TIMES INSERTIONS AND EXTRACTIONS				① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.						○	—
<b>VIBRATION</b>		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm. — m/s <sup>2</sup> AT 2 h FOR 3 DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF / μs. ② CONTACT RESISTANCE: — mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.						○	—
<b>SHOCK</b>		490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF / μs. ② CONTACT RESISTANCE: — mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.						○	—
<b>ENVIRONMENTAL CHARACTERISTICS</b>													
<b>DAMP HEAT (STEADY STATE)</b>		EXPOSED AT 40±2 °C, 90~95%, 96 h.				① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 1000 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.						○	—
<b>RAPID CHANGE OF TEMPERATURE</b>		TEMPERATURE -55 → -5~35 → +85 → 5~35 °C TIME 30 → 5 → 30 → 5 min UNDER 5 CYCLES.				① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 1000 MΩ. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.						○	—
<b>RESISTANCE TO SOLDERING HEAT</b>		SOLDER TEMPERATURE, °C FOR IMMERSION, DURATION, s.				NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.						—	—
<b>SOLDERABILITY</b>		SOLDERED AT SOLDER TEMPERATURE, °C FOR IMMERSION DURATION, s.				A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMersed.						—	—
<b>REMARKS</b>					<b>DRAWN</b>	<b>DESIGNED</b>	<b>CHECKED</b>	<b>APPROVED</b>	<b>RELEASED</b>				
NOTE1 INCLUDE THE TEMPERATURE RISING BY CURRENT.					<i>R. Sasaki</i>	<i>M. Tanaka</i>	<i>J. Oma</i>	<i>H. Yamamoto</i>					
Unless otherwise specified, refer to MIL-STD-1344.					'95.10.12	'95.10.13	'95.10.17	'95.10.23					
Note Q T: Qualification Test    A T: Assurance Test    ○: Applicable Test													
<b>HRS</b> HIROSE ELECTRIC CO., LTD.					<b>SPECIFICATION SHEET</b>				<b>PART NO.</b>				
									DF1BA-※EP-2.5RC				
<b>CODE NO. (OLD)</b>			<b>DRAWING NO.</b>			<b>CODE NO.</b>			CODE NO. SHALL BE IN ACCORDANCE WITH TABLE.				
CL			ELC4-160595			CL							

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