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 In case that the application demands a high level of reliability, such as automotive,  
 please contact a company representative for further information.

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
<b>APPLICATION STANDARD</b>									
<b>RATING</b>	OPERATING TEMPERATURE RANGE	-55 °C TO +85 °C							
	VOLTAGE	200V AC							
	CURRENT	1 A							
<b>SPECIFICATIONS</b>									
<b>ITEM</b>		<b>TEST METHOD</b>			<b>REQUIREMENT</b>			<b>QT</b>	<b>AT</b>
<b>CONSTRUCTION</b>									
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING			X	X
MARKING		CONFIRMED VISUALLY						X	X
<b>ELECTRICAL CHARACTERISTICS</b>									
CONTACT RESISTANCE		100 mA (DC OR 1000 Hz)			15 mW MAX.			X	
INSULATION RESISTANCE		500 V DC			1000 MW MIN.			X	
VOLTAGE PROOF		650 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN			X	
<b>MECHANICAL CHARACTERISTICS</b>									
CONTACT INSERTION AND EXTRACTION FORCES		<input type="checkbox"/> 0.635±0.002mm BY STEEL GAUGE			INSERTION FORCE: 3.43 N MAX EXTRACTION FORCE: 0.39 N MIN			X	
MECHANICAL OPERATION		500 TIMES INSERTIONS AND EXTRACTIONS.			1) CONTACT RESISTANCE: 15 mW MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PART.			X	
VIBRATION		FREQUENCY: 10 TO 55 Hz, TOTAL AMPLITUDE 1.5 mm, FOR 2 h IN 3 DIRECTIONS.			1) NO ELECTRICAL DISCONTINUITY OF 1 ms 2) NO DAMAGE, CRACK AND LOOSENESS			X	
SHOCK		490 m/s <sup>2</sup> DURATION OF PULSE 11 ms FOR 2 TIMES IN 3 DIRECTIONS.						X	
<b>ENVIRONMENTAL CHARACTERISTICS</b>									
DAMP HEAT (STEADY STATE)		EXPOSED AT 40±2 °C, 90~95 %, 96 h.			1) CONTACT RESISTANCE: 15 mW MAX. 2) INSULATION RESISTANCE:			X	
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55→+5~+35→+85→+5~+35°C TIME 30→MAX 5 → 30 → MAX 5 min. UNDER 5 CYCLES.			1000 MW MIN. 3) NO DAMAGE, CRACK AND LOOSENESS OF PART.			X	
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			1) CONTACT RESISTANCE: 15 mW MAX. 2) NO HEAVY CORROSION.			X	
REMARKS				DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
				<i>K. Kiriyama</i> 01.06.12	<i>H. Yamaguchi</i> 01.06.13	<i>H. Okawa</i> 01.06.13	<i>J. Yoshimura</i> 01.06.13		
UNLESS OTHERWISE SPECIFIED, REFER TO MIL-STD-1344									
NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST									
<b>HRS</b> HIROSE ELECTRIC CO.,LTD.				<b>SPECIFICATION SHEET</b>			PART NO. <b>HIF3<sup>BA</sup><sub>BB</sub> - * * D-2.54R</b>		
CODE NO.(OLD)		DRAWING NO.		CODE NO.				1	1
CL		ELC4- 084252		CL 610					

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