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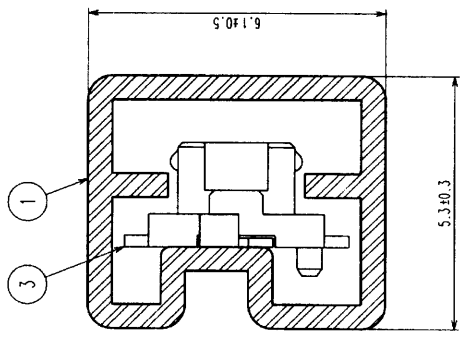
DESCRIPTION OF REVISIONS		BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS		BY	CHKD	DATE
△					△					
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APPLICABLE STANDARD										
RATING	OPERATING TEMPERATURE RANGE	- 4 5 °C TO 1 2 5 °C (NOTE1)				STORAGE TEMPERATURE RANGE	- 1 0 °C TO 6 0 °C			
	VOLTAGE	5 0 V A C				APPLICABLE CONNECTOR	DF12*(3.0)-80DP-0.5V(29)			
	CURRENT	0. 3 A								
SPECIFICATIONS										
ITEM		TEST METHOD				REQUIREMENTS		QT	AT	
CONSTRUCTION										
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.		○	○	
MARKING		CONFIRMED VISUALLY.						○	○	
ELECTRICAL CHARACTERISTICS										
CONTACT RESISTANCE		1 0 0 mA (DC OR 1000 Hz).				5 0 mΩ MAX.		○	-	
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD.		20 mV MAX, mA(DC OR 1000 Hz).				mΩ MAX.		-	-	
INSULATION RESISTANCE		1 0 0 V DC.				5 0 0 MΩ MIN.		○	-	
VOLTAGE PROOF		1 5 0 V A C FOR 1 min.				NO FLASHOVER OR BREAKDOWN.		○	-	
MECHANICAL CHARACTERISTICS										
CONTACT INSERTION AND EXTRACTION FORCES		BY STEEL GAUGE.				INSERTION FORCE N MAX. EXTRACTION FORCE N MIN.		-	-	
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.				INSERTION FORCE N MAX. EXTRACTION FORCE N MIN.		-	-	
MECHANICAL OPERATION		5 0 TIMES INSERTIONS AND EXTRACTIONS.				① CONTACT RESISTANCE: 5 0 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.		○	-	
VIBRATION		FREQUENCY 1 0 TO 5 5 Hz, SINGLE AMPLITUDE 0. 7 5 mm, - m/s ² AT 2 h, FOR 3 DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② CONTACT RESISTANCE: 5 0 mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.		○	-	
SHOCK		4 9 0 m/s ² DURATION OF PULSE 1 1 ms AT 3 TIMES FOR 3 DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② CONTACT RESISTANCE: 5 0 mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.		○	-	
ENVIRONMENTAL CHARACTERISTICS										
DAMP HEAT (STEADY STATE)		EXPOSED AT 4 0 ± 2 °C, 9 0 TO 9 5 %, 9 6 h.				① CONTACT RESISTANCE: 5 0 mΩ MAX. ② INSULATION RESISTANCE: 5 0 0 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.		○	-	
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -65→5 TO 35→125→5 TO 35 °C TIME 30→10 TO 15→30→10 TO 15 min UNDER 5 CYCLES.				① CONTACT RESISTANCE: 5 0 mΩ MAX. ② INSULATION RESISTANCE: 5 0 0 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.		○	-	
CORROSION SALT MIST		EXPOSED IN 5% SALT WATER SPRAY FOR 48 h.				① CONTACT RESISTANCE: 5 0 mΩ MAX. ② NO HEAVY CORROSION.		○	-	
SULPHUR DIOXIDE		EXPOSED IN 10 PPM FOR 96h. (TEST STANDARD: JEIDA-39)				① CONTACT RESISTANCE: 5 0 mΩ MAX. ② NO HEAVY CORROSION.		○	-	
REMARKS NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT.					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
Unless otherwise specified, refer to MIL-STD-1344.					<i>K. Hidonikawa</i> 97.4.17	<i>K. Hidonikawa</i> 97.4.17	<i>J. Ona</i> 97.4.23	<i>H. Yamashita</i> 97.4.24		
Note QT: Qualification Test AT: Assurance Test O: Applicable Test										
HRS HIROSE ELECTRIC CO., LTD.					SPECIFICATION SHEET			PART NO. DF12(3.0)-80DS-0.5V(29)		
CODE NO.(OLD) CL		DRAWING NO. ELC4-161614-01			CODE NO. CL537-0613-7-29			1 1		

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				△の個 COUNT	設計検図 BY CHKD	年月日 DATE	設計検図 BY CHKD
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50.0



A-A (10:1)



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- 注 1 マガジンの両端にストッパーを設けます。
2 反り、曲がり方が5.10mmに対して1mmとします。
3 最小販売単位はマガジンの挿入数量(21個)です。

2 非発行性S.PVC ストッパー、GREEN		3 DF12(3.0)-80DS-0.5V(29)(17-21個入)	
製造	材質	処理、備考	部番
備考 REMARKS			
旧製品コード CODE NO. (OLD)		図番 DRAWING NO.	
R 1/2 FR:EE		ADC3-161614-02	
単位 mm		DF12(3.0)-80DS-0.5V(80)	
製品コード CL537-0613-7-80		製品コード CL537-0613-7-80	
HRS		HRS	
ヒロセ電機株式会社		ヒロセ電機株式会社	
Hirose Electric Co., Ltd.		Hirose Electric Co., Ltd.	

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