


DESCRIPTION OF REVISIONS		BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS		BY	CHKD	DATE
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APPLICABLE STANDARD										
RATING	OPERATING TEMPERATURE RANGE	- 45 °C TO 125 °C (NOTE1)				STORAGE TEMPERATURE RANGE	- 10 °C TO 60 °C			
	VOLTAGE	50 V AC				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		100 mA (DC OR 1000 Hz).				50 mΩ MAX.			○	-
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD.		20 mV MAX, mA(DC OR 1000 Hz).				mΩ MAX.			-	-
INSULATION RESISTANCE		100 V DC.				500 MΩ MIN.			○	-
VOLTAGE PROOF		150 V AC 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		50 TIMES INSERTIONS AND EXTRACTIONS.				① CONTACT RESISTANCE: 50 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	-
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, - m/s ² AT 2 h, FOR 3 DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② CONTACT RESISTANCE: 50 mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	-
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② CONTACT RESISTANCE: 50 mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	-
ENVIRONMENTAL CHARACTERISTICS										
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.				① CONTACT RESISTANCE: 50 mΩ MAX. ② INSULATION RESISTANCE: 500 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: 50 mΩ MAX. ② INSULATION RESISTANCE: 500 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: 50 mΩ MAX. ② NO HEAVY CORROSION.			○	-
SULPHUR DIOXIDE		EXPOSED IN 10 PPM FOR 96h. (TEST STANDARD: JEIDA-39)				① CONTACT RESISTANCE: 50 mΩ MAX. ② NO HEAVY CORROSION.			○	-
REMARKS					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT.					<i>K. Nidankam</i>	<i>K. Nidankam</i>	<i>J. Ana</i>	<i>H. Yamamoto</i>		
Unless otherwise specified, refer to MIL-STD-1344.					97.4.17	97.4.17	97.4.23	97.4.24		
Note QT: Qualification Test AT: Assurance Test O: Applicable Test										
HRS HIROSE ELECTRIC CO., LTD.					SPECIFICATION SHEET			PART NO.		
CODE NO.(OLD)					DRAWING NO.			CODE NO.		
CL					ELC4-161614-01			CL537-0613-7-29		
								1		

FOR REFERENCE ONLY
Subject to change without notice

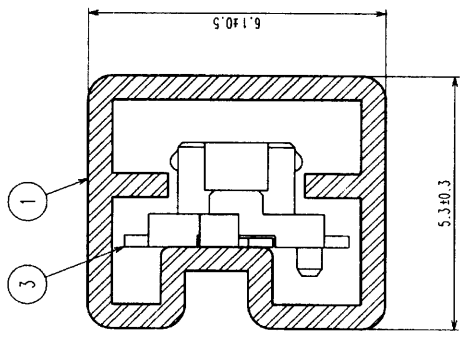
TO

5	6	7	8
△の順 COUNT	訂正 DESCRIPTION OF REVISIONS	年月日 DATE	設計 BY
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50.0



A-A (10:1)



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

2	非結行性S.PVC ストッパー、GREEN	製図 DRAWN	NC 原	設計 DESIGNED	NC 五井	検 CHECKED	NC 花	承認 APPROVED	NC 花	出 ISSUED	48 USA
1	硬質塩化ビニール 神電防止処理, CLEAR	製図 DRAWN	3	DF12 (3.0) - 80DS - 0.5V (29) (17-2, 212A9)	製図 DESIGNED	3	DF12 (3.0) - 80DS - 0.5V (29) (17-2, 212A9)	製図 APPROVED	3	DF12 (3.0) - 80DS - 0.5V (80)	
備考 REMARKS											
旧製品コード CODE NO. (OLD)	図番 DRAWING NO.	材質 MATERIAL	処 PLACE	理 REASON	者 BY	日 DATE	年 YEAR	月 MONTH	日 DAY	年 YEAR	月 MONTH
	ADC3-161614-02										
FR. LEE	FR. LEE	FR. LEE	FR. LEE	FR. LEE	FR. LEE	FR. LEE	FR. LEE	FR. LEE	FR. LEE	FR. LEE	FR. LEE
単位 UNITS	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
製品コード PART NO.	DF12 (3.0) - 80DS - 0.5V (80)	製品コード CODE NO.	CL537-0613-7-80	製品コード CODE NO.	CL537-0613-7-80	製品コード CODE NO.	CL537-0613-7-80	製品コード CODE NO.	CL537-0613-7-80	製品コード CODE NO.	CL537-0613-7-80
FORM NO. 233											

TO

