

Excellent Integrated System Limited

Stocking Distributor

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[Hirose Electric Co Ltd](#)
[DF12\(3.0\)-80DP-0.5V\(80\)](#)

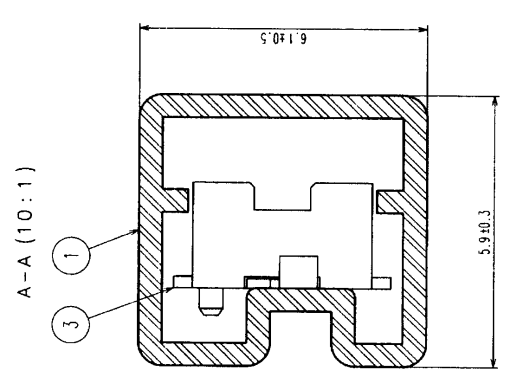
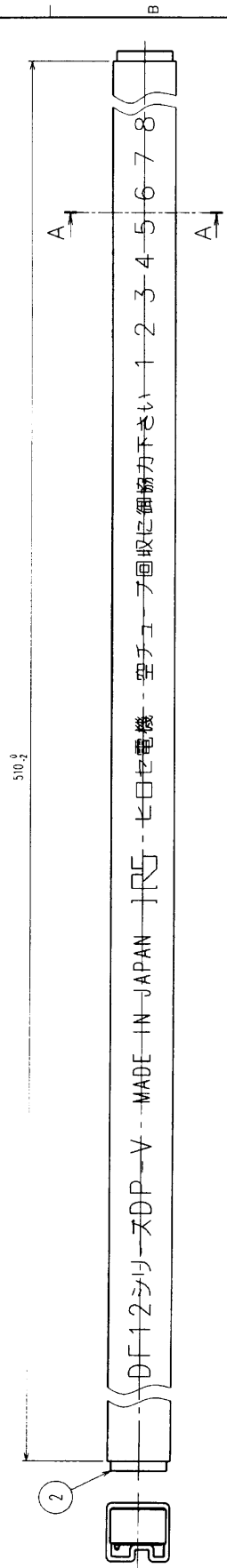
For any questions, you can email us directly:
sales@integrated-circuit.com

	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△					△				
△					△				
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)-80DS-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 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		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					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT.					<i>K. Nishikawa</i>	<i>K. Nishikawa</i>	<i>J. One</i>	<i>H. Yamada</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.		
				DF12(3.0)-80DP-0.5V(29)					
CODE NO. (OLD)		DRAWING NO.		CODE NO.					
CL		ELC4-161618-01		CL537-0733-9-29		1/1			

FOR REFERENCE ONLY
Subject to change without notice

TO

5	6	7	8
訂正記号 COUNT	訂正記号 DESCRIPTION OF REVISIONS	年月日 DATE	年月日 DATE
△			
△			
△			



- 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510mm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	非移行性S.PVC YELLOW, ストッパー	DF12(3.0)-80DP-0.5V(29) (17x2.21mm)
1	使用禁止処理: CLEAR	
図番 材質 処理 備考 郵番 製図 設計 検閲 承認 発行 輸出 DRAWN DESIGNED CHECKED APPROVED ISSUED (00.1.31) (00.1.31) (00.2.2) (00.2.2) (00.2.2) (00.2.2) (原) (五井) (花見) (HRS) (HRS) (HRS) (HRS)		
部品名 PART NO. DF12(3.0)-80DP-0.5V(80)		
旧部品コード CODE NO. (OLD) ADC3-161618-02		
図番 DRAWING NO. ADC3-161618-02		
尺貫法 SCALE 単位 UNITS 単位 UNIT HRS ヒロセ電機株式会社 HIROSE ELECTRIC CO., LTD.		
部品コード CODE NO.		8 FORM NO. 233
CL537-0733-9-80		1

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