

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

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

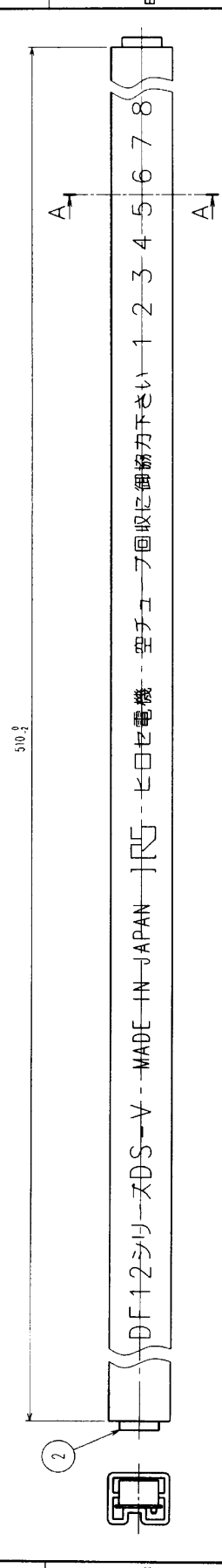
For any questions, you can email us directly:
sales@integrated-circuit.com

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)-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 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. Ona</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				
CODE NO.(OLD)					PART NO.				
CL					DF12(3.0)-80DS-0.5V(29)				
DRAWING NO.					CODE NO.				
ELC4-161614-01					CL537-0613-7-29				
					1				

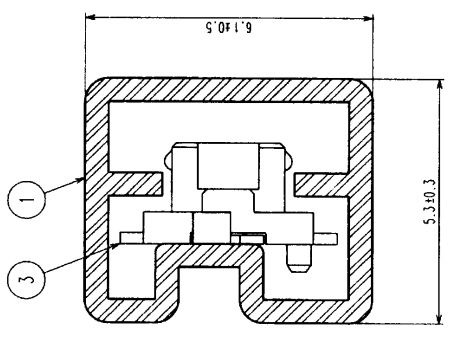
FOR REFERENCE ONLY
Subject to change without notice

TO

5	6	7	8
△の順 COUNT	訂正記号 DESCRIPTION OF REVISIONS	年月日 DATE	設計検閲 年月日 BY CHKD DATE
△			
△			
△			



A-A (10:1)



FOR REFERENCE ONLY
 Subject to change without notice

- 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ケースの挿入数量(21個)です。

2	3	DF12(3.0)-80DS-0.5V(29)	(17-ス 21個入り)
製造	材質	処理	備考
非発行	S.PVC	ストッパー, GREEN	
1	硬質	塩化ビニール	帯電防止処理, CLEAR

製図	設計	検閲	承認	発行
DRAWN	DESIGNED	CHECKED	APPROVED	ISSUED
00.1.31 原	01.1.31 五井	01.2.2 花見	01.2.2 NC	01.2.2 USA

旧製品コード CODE NO. (OLD)	図番 DRAWING NO.	製品名 PART NO.
ADC3-161614-02	DF12(3.0)-80DS-0.5V(80)	DF12(3.0)-80DS-0.5V(80)
PR:EE 単位 UNIT	HIROSE ELECTRIC CO., LTD.	製品コード CODE NO. CL537-06.13-7-80

TO	

