

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China







DATE  06.02.02  06.01.31  06.01.31  06.01.31	_	DRAWN		
DATE 06.02.02 06.01.31 06.01.31				
DATE 06.02.02	YH. MICHIDA	DESIGNED		
DATE	MO.NAK	APPROVED		
	CHECKE	DESIGNED	DESCRIPTION OF REVISIONS DESI	COUNT
		WITHOUT POWER SUF	SE BY CURRENT.  RM STORAGE OF UNUSED PRODUCT  RANGE TO PRODUCTS MOUNTED OF  TO JISC 5402.	REMARKS NOTE1:NCLUDING THE TEMPERATURE RI NOTE2:STORAGEIS DEFINED AS LONG-TE APPLY OPERATION TEMPERATURE UNLESS OTHERWISE SPECIFIED , REFER
			150 TO 180°C 90~120 SECONDS.  MAXIMUM TWICE ACTION IS ALLOWED UNDER THE SAME CONDITION.  [RECOMMENDED MANUAL SOLDELING CONDITION]  SOLDERING IRON TEMPERATURE 350°C  SOLDERING TIME: WITHIN 3 SECONDS.	
×	= CASE OF EXCESSIVE TERMINALS.	NO DEFORMATION OF CALLOOSENESS OF THE TER	F (RECOMMENDED TEMPERATURE PROFILE)  «SOLDERING AREA»  MAX250°C, 220°C FOR 60 SECONDS MAX.  «PREHEATING AREA»	HEAT RESISTANCE OF SOLDERING
×	DE: 50 mΩ MAX. DN.	① CONTACT RESISTANCE:	_ m	SULPHUR DIOXIDE
×	DE: 50 mΩ MAX. DN.	① CONTACT RESISTANCE:	EXPOSED IN 5% SALT WATER SPRAY FOR 48 h.	CORROSION SALT MIST
×	CONTACT RESISTANCE: 50 mQ MAX. INSULATION RESISTANCE: 500 MQ MIN. NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	① CONTACT RESISTANC ② INSULATION RESISTA ③ NO DAMAGE, CRACK	EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.	DAMP HEAT (STEADY STATE)
×	CONTACT RESISTANCE: 50 mQ MAX.     INSULATION RESISTANCE: 500 MQ MIN.     NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	CONTACT RESISTANCE:     INSULATION RESISTANCE:     NO DAMAGE, CRACK OR L	→15 TO 35 → 125 → 10 TO 15 → 30 →	RAPID CHANGE OF TEMPERATURE
-			CHARACTERISTICS	NTAL
×	() NO ELECTRICAL DISCONTINUITY OF 1 µs.  © NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	② NO ELECTRICAL DISC ② NO DAMAGE, CRACK	490 m/s² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.	SHOCK
×	⊕ NO ELECTRICAL DISCONTINUITY OF 1      µs.      ○ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	NO ELECTRICAL DISC     NO DAMAGE, CRACK	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.	VIBRATION
×	SISTANCE: 50 mΩ MAX. CRACK OR LOOSENESS OF PARTS.	① CONTACT RESISTANC ② NO DAMAGE, CRACK	50 TIMES INSERTIONS AND EXTRACTIONS.	MECHANICAL OPERATION
×	INSERTION   WITH-DRAWAL   FORCE   FO	SIGNAL III 20 20 30 30 30 40 50 50 50 50 50 50 50 50 50 50 50 50 50	CHARACTERISTICS  MEASURED BY APPLICABLE CONNECTOR.  SES	MECHANICAL CHA INSERTION AND WITHDRAWAL FORCES
×	AKDOWN.	NO FLASHOVER OR BREAKDOWN.	150 V AC FOR 1 min.	VOLTAGE PROOF
×		500 M MAX	100 V DC	INSULATION RESISTANCE
×		50 mΩ MAX.		CONTACT RESISTANCE
-			ACTERISTICS	ELECTRIC CHARAC
××			CONFIRMED VISUALLY.	MARKING
×	<u>lo</u>	ACCORDING TO DRAWING	VISUALLY AND BY MEASURING INSTRUMENT.	CONSTRUCTION GENERAL EXAMINATION
QT	REQUIREMENTS	REQUI	TEST METHOD	Mali
		SN	SPECIFICATIONS	
57 (86	DF12#-*DS-0.5V(86)	APPLICABLE CONNECTOR	0.3 A	CURRENT
57 (81	DF12#-*DS-0.5V(81)		50 V AC	RATING VOLTAGE
°C (NOTES	-10 °C TO + 60 °	STORAGE TEMPERATURE RANGE	RE RANGE   -45 °C TO +125 °C (NOTES 1)	TEMPERATING

SPECIFICATION SHEET HIROSE ELECTRIC CO., LTD.

CODE NO.

PART NO.

DF12E (4. 0) -\*DP-0. 5V (81)

<u>1</u>1/