



THE DATASHEET OF DF40GB(1.5)-48DS-0.4V(51)

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-35℃ TO 85℃ (NOTE 1)	STORAGE TEMPERATURE RANGE	-10℃ TO 60℃	
	VOLTAGE	30V AC	APPLICABLE CONNECTOR	DF40G*-48DP-0. 4V (**)	
	CURRENT	0. 3A			
SPECIFICATIONS					
ITEM		TEST METHOD		REQUIREMENTS	
QT		AT			
CONSTRUCTION					
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	
MARKING		CONFIRMED VISUALLY.			
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE		20mV AC OR LESS 1kHz,1m A .		90mΩ MAX.	
INSULATION RESISTANCE		100V DC.		50MΩ MIN.	
VOLTAGE PROOF		100V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.	
MECHANICAL CHARACTERISTICS					
MECHANICAL OPERATION		30TIMES INSERTIONS AND EXTRACTIONS.		① CONTACT RESISTANCE: 90mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	
VIBRATION		FREQUENCY 10 TO 55 TO 10 Hz, 5min, SINGLE AMPLITUDE 0.75 mm,10CYCLES, FOR 3 DIRECTIONS.		① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK OR 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 NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	
ENVIRONMENTAL CHARACTERISTICS					
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55→ 5 TO 35→ 85→ 5 TO 35 °C TIME 30→ 5 MAX → 30→ 5 MAX min UNDER 5 CYCLES.		① CONTACT RESISTANCE: 90mΩ MAX. ② INSULATION RESISTANCE: 50MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.		① CONTACT RESISTANCE: 90mΩ MAX. ② INSULATION RESISTANCE: 25MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	
SULPHUR DIOXIDE		EXPOSED IN 25 PPM FOR 96h,25℃,75%.		① CONTACT RESISTANCE: 180mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

 [View DF40GB\(1.5\)-48DS-0.4V\(51\) on WIN SOURCE](#)

 [Hirose Electric Co Ltd](#) Information

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management