

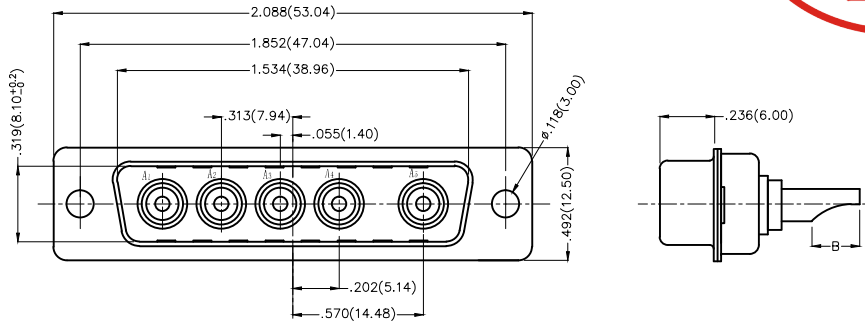
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



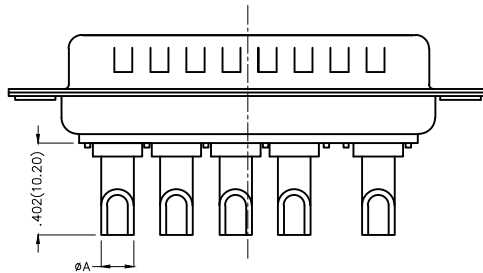
**SPECIFICATIONS**

**Electrical Characteristic**  
 Current Rating: 10 to 40A (Power contacts)  
 Voltage Rating: 300V  
 Contact Resistance: 5mΩ Max.  
 Insulation Resistance: 5000 MΩ Min.  
 Dielectric Withstanding Voltage: 1000V AC r.m.s Min  
 Temperature Range-Operating: -55°C ~ +105°C

**Material and plating**  
 Shell: Steel, Nickel Plated 80μ" Min  
 Back Shell: Steel, Tin Plated 100μ" Min  
 Insulator: Glass Filled Thermoplastic (UL 94V-0)  
 Power Contacts: Brass/ Gold Plated



Type	Part NO.	A	B	Wire	Current Rating(A)
A	FDP0502-MOWS1XXK6XA	φ.098(2.50)	.177(4.50)	14#~16#	10
B	FDP0502-MOWS1XXK6XB	φ.142(3.60)	.197(5.00)	10#~12#	20
C	FDP0502-MOWS1XXK6XC	φ.173(4.40)	.217(5.50)	8#~10#	30
D	FDP0502-MOWS1XXK6XD	φ.217(5.50)	.217(5.50)	6#~8#	40



**Ordering Information**

FDP 05 02 — M0 W S 1 XX K6 X X  
 1 2 3 4 5 6 7 8 9 10 11

1 Category FDP-Hight current D-SUB connector	2 Circuits 05-5W5	3 Distinction No. 02	4 Type MO-Male	5 Assembly Layout W-Welding Type
6 Entry Angle S-180° Vertical	7 Plating 1-Gold Plated	8 Thickness of Plating 03-3μ" 15-15μ" Custom Plate Available	9 Color-Resin K6-Black	10 Packaging K-Tray L-Tube
				11 Distinction Type A-Type A B-Type B C-Type C D-Type D



THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 19/JUL/13	PART NO. FDP0502-MOWS1XXK6XX	ITEM NO. FDP0502-M	 3K-KAMING®
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X.'±5' X.'±2' X.X'±1' X.XXX±0.5'	CHECKED BY CHERRY	DATE 19/JUL/13	TITLE Hight current D-SUB connector 5W5 180° Vertical Male	
SCALE 5:1	SIZE A4	DRAWN BY JACOB		DATE 19/JUL/13	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO DONG GUAN LANG LUN(3K-KAMING) ELECTRONIC PRODUCTS CO.,LTD. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSON		