

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Size change	17/MAY/22	MATT	CHERRY

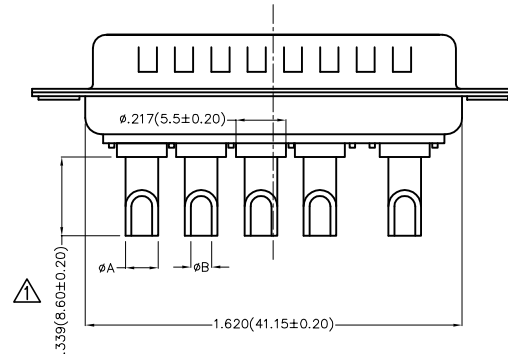
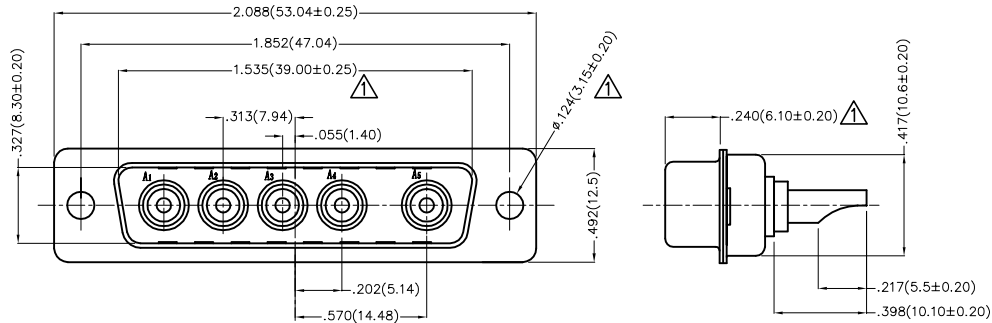
SPECIFICATIONS

Electrical Characteristic

Current Rating: 10 to 40A (Power contacts)
Voltage Rating: 500V
Contact Resistance: 30mΩ Max.
Insulation Resistance: 3000 MΩ Min. at 500V DC
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	Ø.102(2.60)	.071(1.80)	14#~16#	10
B	FDP0502-MOWS1XXK6XB	Ø.142(3.60)	.110(2.80)	10#~12#	20
C	FDP0502-MOWS1XXK6XC	Ø.177(4.50)	.138(3.50)	8#~10#	30
D	FDP0502-MOWS1XXK6XD	Ø.213(5.40)	.181(4.60)	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	<u>Category</u> FDP—Hight current D—SUB connector	2	<u>Circuits</u> 05—5W5	3	<u>Distinction No.</u> 02	4	<u>Type</u> M0—Male	5	<u>Assembly Layout</u> W—Welding Type		
6	<u>Entry Angle</u> S—180° Vertical	7	<u>Plating</u> 1—Gold Plated	8	<u>Thickness of Plating</u> 03—3μ" 15—15μ" Custom Plate Available	9	<u>Color—Resin</u> K6—Black	10	<u>Packaging</u> K—Tray L—Tube	11	<u>Distinction Type</u> 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	 Leader Of Industry	
		X.±.012(0.30)	X.±5°	CHECKED BY CHERRY	DATE 19/JUL/13	TITLE Hight current D-SUB connector 5W5 180° Vertical Male			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	.X'±2°	DRAWN BY JACOB	DATE 19/JUL/13	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		X.XX±.006(0.15)	.XX'±1°						
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX'±0.5°			REV 1			SHEET NO. 1/1

REV 1 SHEET NO. 1/1