

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Add marking code	13/Jan/25	NICK	LEO
2	△	Version change	06/Nov/25	NICK	LEO

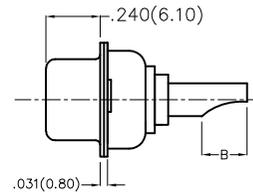
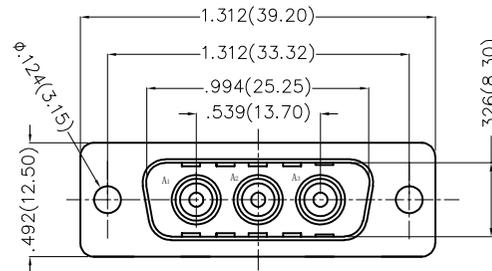
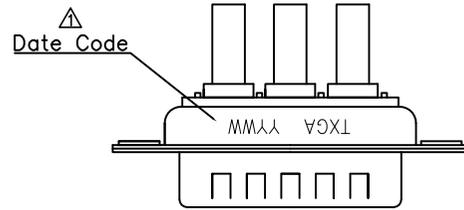
SPECIFICATIONS

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

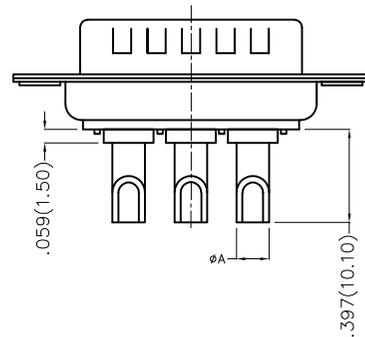


Type	Part NO.	A	B	Wire	Current Rating(A)
A	FDPO301-MOWS1XXK6KA	ø.102(2.60)	.177(5.50)	14#~16#	10
B	FDPO301-MOWS1XXK6KB	ø.142(3.60)	.197(5.50)	10#~12#	20
C	FDPO301-MOWS1XXK6KC	ø.173(4.50)	.217(5.50)	8#~10#	30
D	FDPO301-MOWS1XXK6KD	ø.215(5.40)	.217(5.50)	6#~8#	40

Ordering Information

FDP 03 01 — M0 W S 1 XX K6 K X
1 2 3 4 5 6 7 8 9 10 11

1	Category FDP-Hight current D-SUB connector	2	Circuits 03-3W3	3	Distinction No. 01	4	Type M0-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	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. FDPO301-MOWS1XXK6KX	ITEM NO. FDPO301-M	 Building Technology Cornerstone
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X:±5'	CHECKED BY CHERRY	DATE 19/JUL/13	TITLE Hight current D-SUB connector 3W3 180° Vertical Male		
SCALE 5:1	SIZE A4	X.XX±.006(0.15) .XX±1'	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.XXX±.004(0.10) .XX±0.5'					