

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size change	05/MAY/22	MATT	CHERRY


- 1.Electrical Characteristic
 - 1.1Current Rating
Power Contacts:10 to 40A
 - 1.2Voltage Rating: 300V
 - 1.3Contact Resistance: 5Milliohms Max
 - 1.4Insulation Resistance: 5000 Megaohms Min.
 - 1.5Dielectric Withstanding Voltage :1000V AC r.m.s Min
- 2.Materials And Finish
 - 2.1Shell: Steel Material,Front Nickel Plated 80u' Min
Back Shell Tin Plated 100u' Min
 - 2.2Insulator: Glass Filled Thermoplastic, UL 94V-0 ,Colour: Black
 - 2.3Power Contacts: Brass/Gold Plated 3u'~30u'
- 3.Temperature Range—Operating: -55°C ~ +105°C

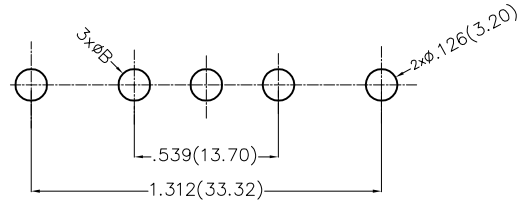
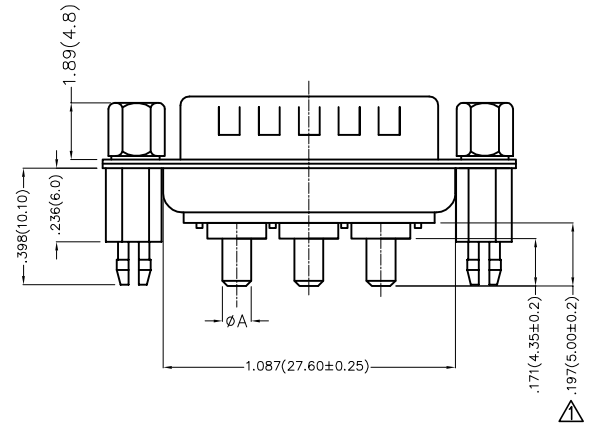
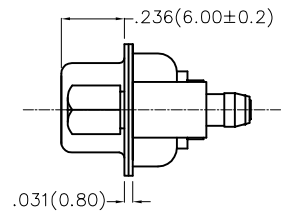
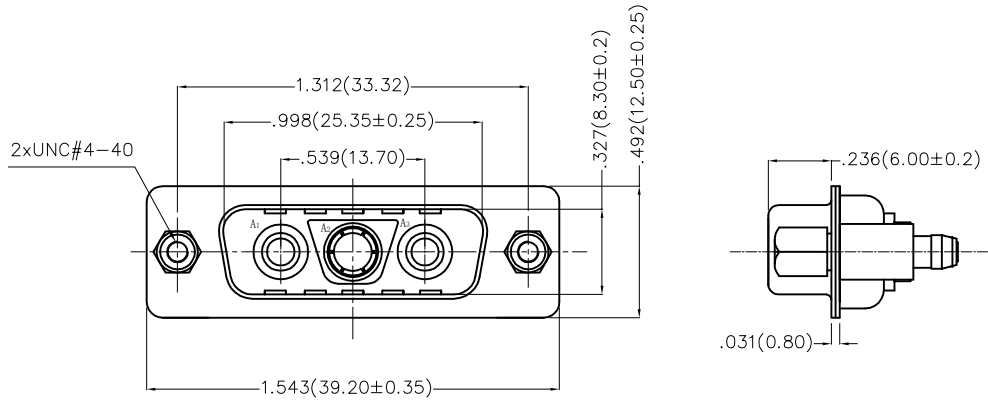
Type	Part NO.	φA	PCB. φB	Current Rating(A)
A	FDV0314-MODS1XXBKKA	.067(1.70)	.079(2.00)	10
B	FDV0314-MODS1XXBKKB	.108(2.75)	.118(3.00)	20
C	FDV0314-MODS1XXBKCC	.130(3.30)	.142(3.60)	30
D	FDV0314-MODS1XXBKCD	.150(3.80)	.161(4.10)	40

Ordering Information

FDV 03 14 — MO D S 1 XX BK K X
 1 2 3 4 5 6 7 8 9 10 11

1	D-sub Connector Category FDV—Power Type	2	Circuits 03—3V3	3	Distinction No. 14	4	Type MO—Male	5	Assembly Layout D—DIP	6	Entry Angle S—Vertical
7	Plating 1—Gold Plated	8	Thickness of Plating 03—3u" 15—15u" 30—30u"	9	Color—Resin BK—Black	10	Packaging K—Tray	11	Type A—Type A C—Type C B—Type B D—Type D		

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 25/MAR/22	PART NO. FDV0314-MODS1XXBKXX	ITEM NO. FDV0314-M	 Leader Of Industry	
	X.±.012(0.30)	X'.±5'	CHECKED BY CHERRY	DATE 25/MAR/22	TITLE POWER MACHINED CONTACT MALE 3V3 CONN			
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	DRAWN BY MATT		DATE 25/MAR/22		REV 0	SHEET NO. 1/1
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	X.XX'±1'		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'					



Recommended P.C.Board Layout