

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

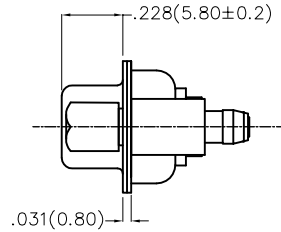
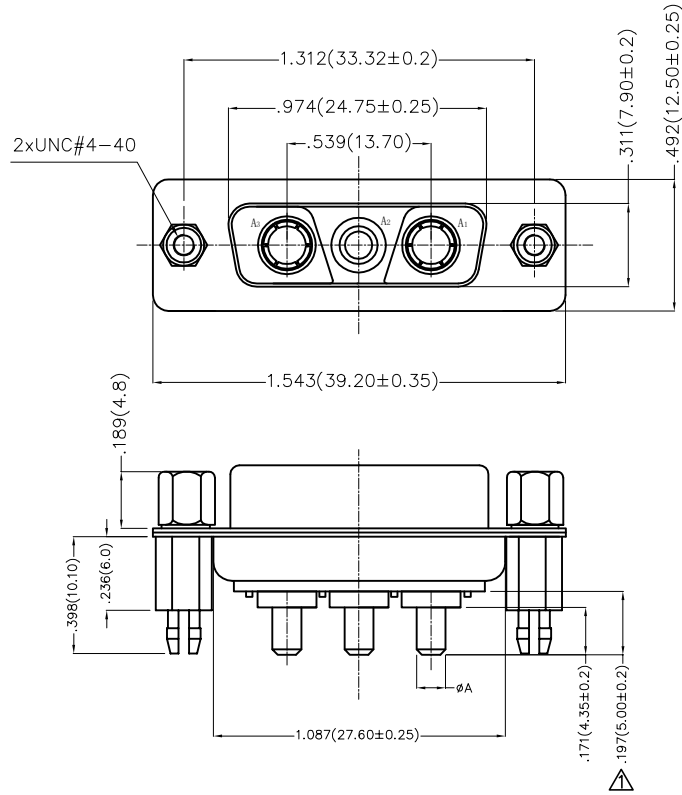
2.1Shell:Steel Material,Front Nickel Plated 80u" Min

Back Shell Tin Plated 100u" Min

2.2Insulator:Glass Filled Thermoplastic, UL 94V-0 ,Colour: Black

2.3Power Contacts:Bronze /Gold Plated 3u"~30u"

3.Temperature Range-Operating: -55°C ~ +105°C

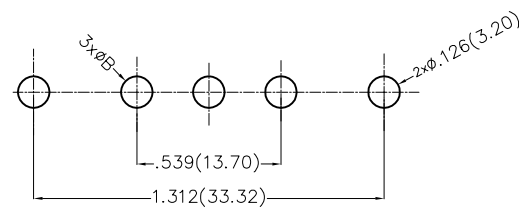


Type	Part NO.	øA	PCB. øB	Current Rating(A)
A	FDV0314-F0DS1XXBKKA	.067(1.70)	.079(2.00)	10
B	FDV0314-F0DS1XXBKKB	.108(2.75)	.118(3.00)	20
C	FDV0314-F0DS1XXBKKC	.130(3.30)	.142(3.60)	30
D	FDV0314-F0DS1XXBKKD	.150(3.80)	.161(4.10)	40


Ordering Information

FDV 03 14 - F0 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 F0-Female	5	Assembly Layout D-DIP	6	Entry Angle S-180° 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		



Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 25/MAR/22	PART NO. FDV0314-F0DS1XXBKXX	ITEM NO. FDV0314-F	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20)	X'±5' .X'±2'	CHECKED BY CHERRY	DATE 25/MAR/22	TITLE POWER MACHINED CONTACT FEMALE 3V3 CONN	
SCALE 5:1	SIZE A4	X.XX±.006(0.15) X.XXX±.004(0.10)	.XX'±1' .XX'±0.5'	DRAWN BY MATT	DATE 25/MAR/22	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	