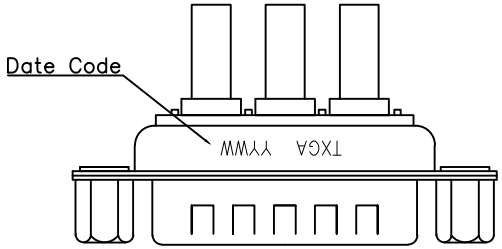
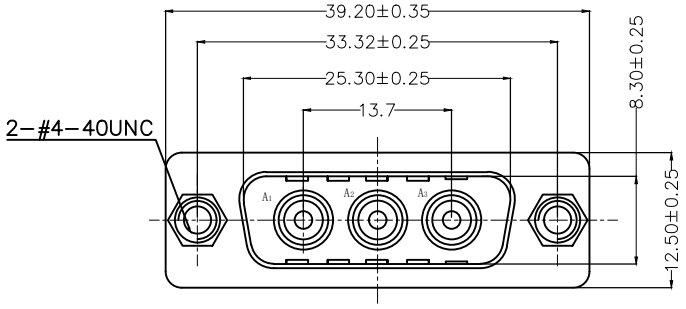
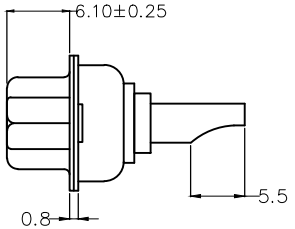
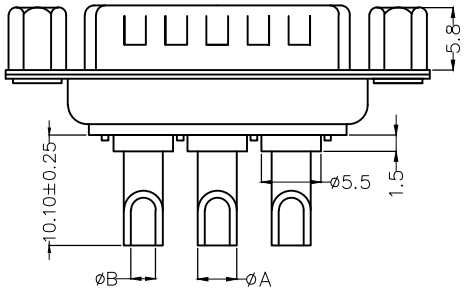
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD









SPECIFICATIONS
Electrical Characteristic
- Current Rating: 10 to 40A
- Voltage Rating: 300V
- Contact Resistance: 5mΩ Max.
- Insulation Resistance: 3000 MΩ Min. at 500V DC
- Dielectric Withstanding Voltage: 1000V AC r.m.s Min
- Temperature Range—Operating: −55℃ ~ +105℃

Material and plating
- Shell: Steel, Nickel Plated 80μ" Min
- Back Shell: Steel, Tin Plated 100μ" Min
- Insulator: PBT (UL 94V-0)
- Signal contacts: Brass/ Gold Plated
- Power Contacts: Brass/ Gold Plated
- Screw: Copper Alloy/ Nickel Plated

Salt spray : 24H Min.

Type	Part NO.	A	B	Wire	Current Rating(A)
A	FDP0313—M0WS1XXBKKA	ø2.60	ø1.80	14~16AWG	10
B	FDP0313—M0WS1XXBKKB	ø3.60	ø2.80	10~12AWG	20
C	FDP0313—M0WS1XXBKKC	ø4.50	ø3.50	8~10AWG	30
D	FDP0313—M0WS1XXBKKD	ø5.40	ø4.60	6~8AWG	40

Ordering Information

FDP	03	13	—	M0	W	S	1	XX	BK	K	X
1	2	3		4	5	6	7	8	9	10	11

1	D-sub Connector Category	2	Circuits	3	Distinction No.	4	Type	5	Assembly Layout	6	Entry Angle
	FDP—Power Type		03—3W3		13		M0—Male		W—Welding Type		S—180° Vertical

7	Plating	8	Thickness of Plating	9	Color—Resin	10	Packaging	11	Type
	1—Gold Plated		01—0.025μm 03—0.075μm 15—0.375μm 30—0.75μm		BK—Black		K—Tray		A—Type A C—Type C B—Type B D—Type D

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.
			LEO	25/SEP/23	FDP0313—M0WS1XXBKKX	FDP0313
DESIGN UNITS METRIC	X. ±0.30	X.° ±5°	CHECKED BY	DATE	TITLE	TXGA Building Technology Cornerstone
	X.X ±0.20	X.X° ±2°	GISELLE	25/SEP/23	Hight current D-SUB connector 3W3 180° Vertical Male	REV 0 / SHEET NO. 1/1
SCALE 5:1 / SIZE A4	X.XX ±0.15	X.XX° ±1°	DRAWN BY	DATE		
	X.XXX ±0.10	X.XXX° ±0.5°	NICK	25/SEP/23		

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