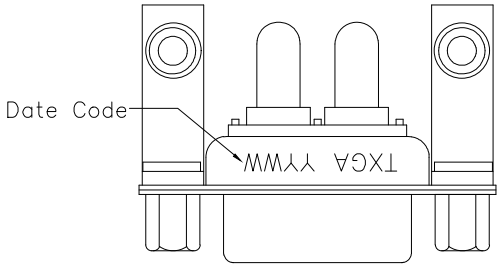
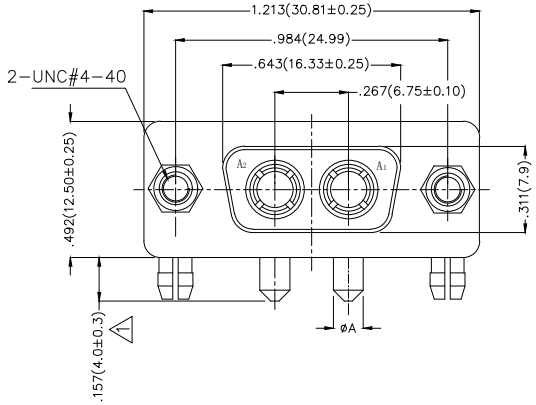
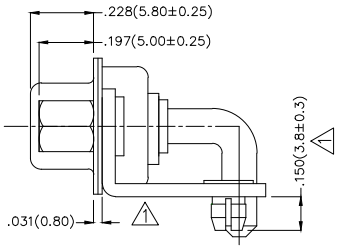
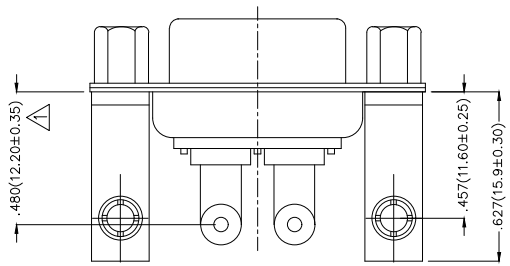
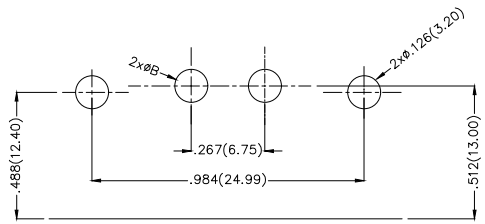
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△1	1. Structure change 2. Size changes	07/JUN/21	KATE	CHERRY
2	△2	Add marking code	06/Nov/26	NICK	LEO











Recommended P.C.Board Layout

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℃ ~ +105℃

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.	ØA	PCB. ØB	Current Rating(A)
A	FDP0209-F0DB1XXK6KA	.067(1.70)	.079(2.00)	10
B	FDP0209-F0DB1XXK6KB	.108(2.75)	.118(3.00)	20
C	FDP0209-F0DB1XXK6KC	.130(3.30)	.142(3.60)	30
D	FDP0209-F0DB1XXK6KD	.150(3.80)	.161(4.10)	40

Ordering Information

FDP	02	09	—	F0	D	B	1	XX	K6	K	X
1	2	3		4	5	6	7	8	9	10	11

1	Category	2	Circuits	3	Distinction No.	4	Type	5	Assembly Layout		
	FDP-Hight current D-SUB connector		02-2W2		09		F0-Female		D-DIP		
6	Entry Angle	7	Plating	8	Thickness of Plating	9	Color-Resin	10	Packaging	11	Distinction Type
	B-90° Angle		1-Gold Plated		03-3μ" 15-15μ" Custom Plate Available		K6-Black		K-Tray		A-Type A B-Type B C-Type C D-Type D

THIRD ANGLE PROJECTION

DESIGN UNITS Inch (metric)

SCALE 5:1 SIZE A4

GENERAL TOLERANCES (UNLESS SPECIFIED)	
X.±.012(0.30)	X.°±5°
X.X±.008(0.20)	.X°±2°
X.XX±.006(0.15)	.XX°±1°
X.XXX±.004(0.10)	.XXX°±0.5°

APPROVE BY	FRANK	DATE 19/JUL/13
CHECKED BY	CHERRY	DATE 19/JUL/13
DRAWN BY	JACOB	DATE 19/JUL/13

PART NO. FDP0209-F0DB1XXK6KX

ITEM NO. FDP0209-F

TITLE Hight current D-SUB connector 2W2 90° Angle Female

TXGA Leader Of Industry

REV 2

SHEET NO. 1/1

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