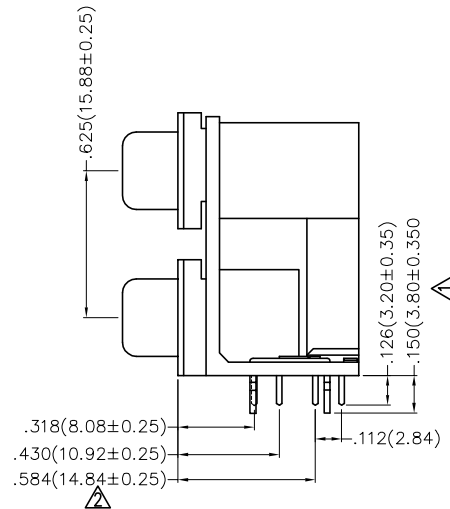
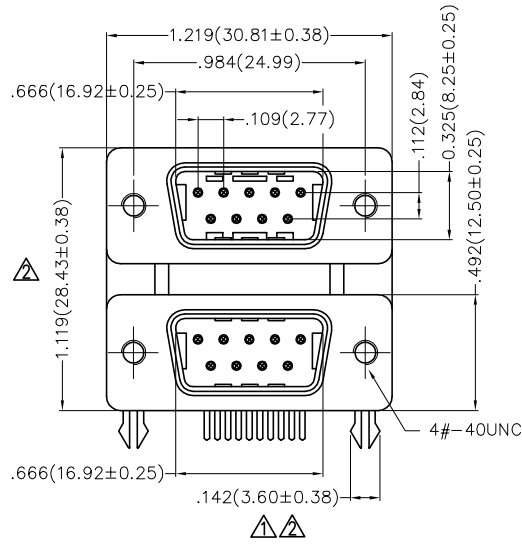


1 2 3 4 5 6 7 8

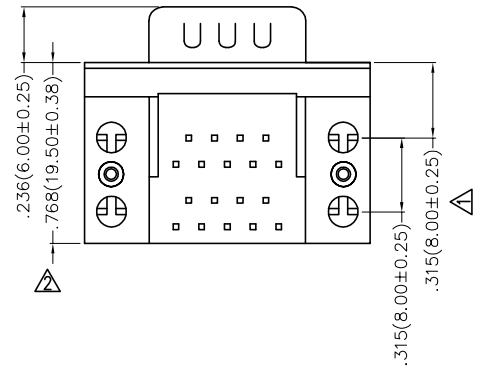
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size changes	26/SEP/21	KATE	CHERRY
2	△	Size changes	30/AUG/22	MATT	CHERRY



**SPECIFICATIONS**

**Electrical**  
 Current Rating: 3A AC(rms)/DC  
 Voltage Rating: 250V AC(rms)/DC  
 Contact Resistance: 25 mΩ Max  
 Insulation Resistance: 1000 MΩ Min  
 Withstanding Voltage: 500V AC r.m.s  
 Temperature Range-Operating: -55°C~+105°C

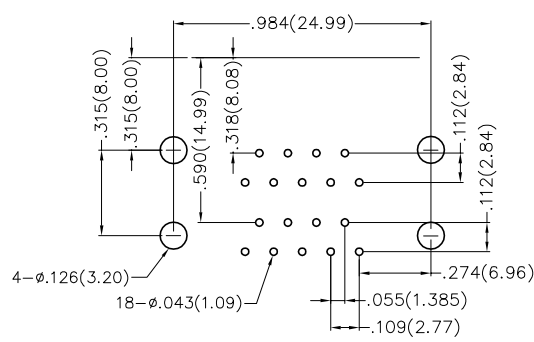
**Material and Plating**  
 Housing: PBT (UL 94V-0)  
 Contact: Copper Alloy/ Selective gold on contact area, tin on tail  
 Shell: Spcc/ Nickel Plated  
 Board Lock: Copper Alloy/ Tin Plated




**Ordering Information**

FDB 18 05 — MM D B 3 XX XX K A  
 1 2 3 4 5 6 7 8 9 10 11

1	Category FDB-D-SUB Connector	2	Circuits 18-18Circuits	3	Distinction No. 05	4	Type MM-Male+Male	5	Assembly Layout D-DIP	6	Entry Angle B-90° Angle
7	Plating 3-Selective gold on contact area, tin on tail	8	Thickness of Plating 00-Gold Flash 03-3μ" Custom plate available	9	Color-Resin K6-Black U1-Blue	10	Packaging K-Tray	11	Distinction Type A-Type A		

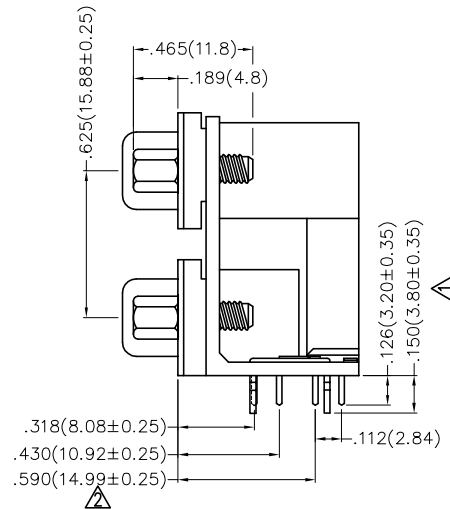
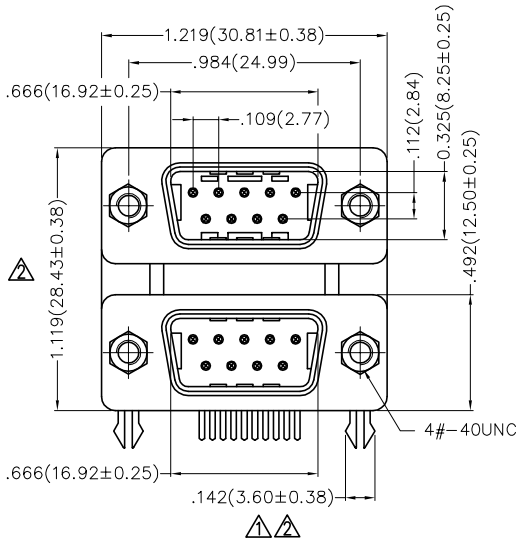


Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB1805-MMDB3XXXXKA	ITEM NO. FDB1805	 Leader Of Industry	
	X.±.012(0.30)	X:±5°	CHECKED BY JACOB	DATE 28/JUN/13	TITLE D-SUB Connectors 18Circuits 90° Angle Male+Male			
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X±2'	DRAWN BY CHERRY	DATE 28/JUN/13	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		REV 2	SHEET NO. 1/1
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)						

1 2 3 4 5 6 7 8

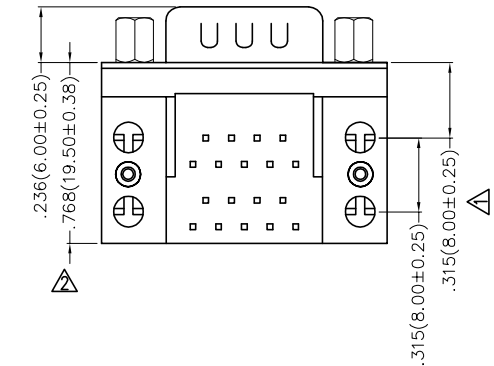
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size changes	26/SEP/21	KATE	CHERRY
2	△	Size changes	30/AUG/22	MATT	CHERRY



SPECIFICATIONS

Electrical  
 Current Rating: 3A AC(rms)/DC  
 Voltage Rating: 250V AC(rms)/DC  
 Contact Resistance: 25 mΩ Max  
 Insulation Resistance: 1000 MΩ Min  
 Withstanding Voltage: 500V AC r.m.s  
 Temperature Range-Operating: -55°C~+105°C

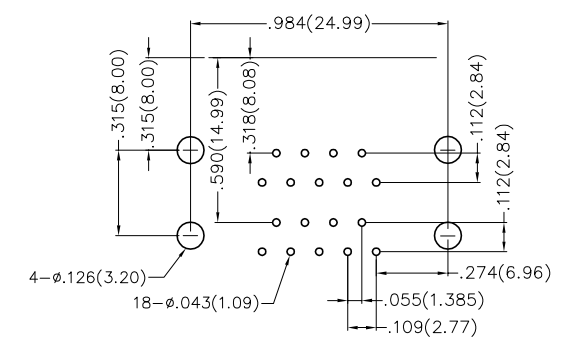
Material and Plating  
 Housing: PBT (UL 94V-0)  
 Contact: Copper Alloy/ Selective gold on contact area, tin on tail  
 Shell: Spcc/ Nickel Plated  
 Board Lock: Copper Alloy/ Tin Plated  
 Screws: Copper Alloy/ Nickel Plated




Ordering Information

FDB	18	05	—	MM	D	B	3	XX	XX	K	B
1	2	3		4	5	6	7	8	9	10	11

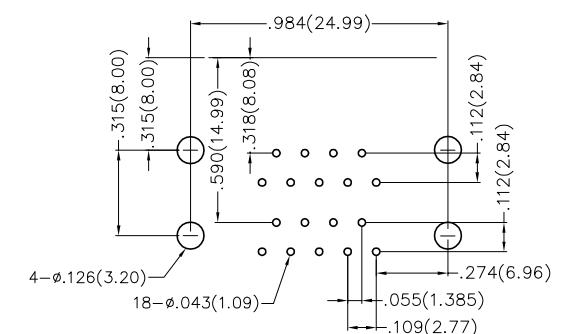
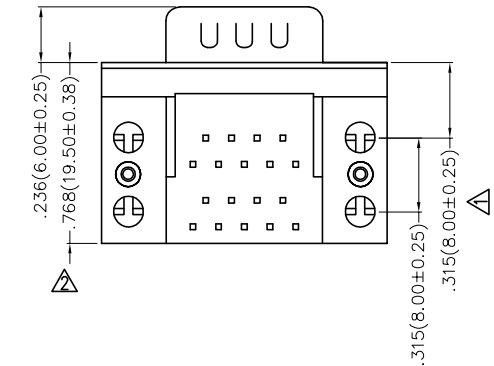
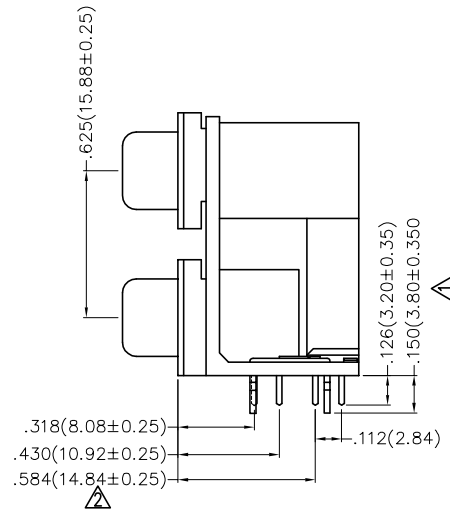
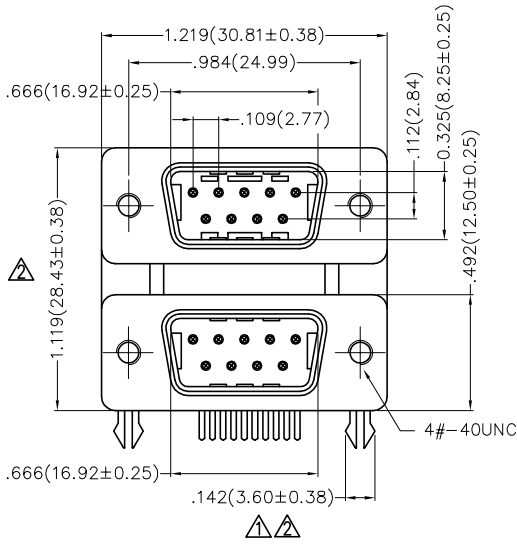
1 Category FDB-D-SUB Connector	2 Circuits 18-18Circuits	3 Distinction No. 05	4 Type MM-Male+Male	5 Assembly Layout D-DIP	6 Entry Angle B-90° Angle
7 Plating 3-Selective gold on contact area, tin on tail	8 Thickness of Plating 00-Gold Flash 03-3μ" Custom plate available	9 Color-Resin K6-Black U1-Blue	10 Packaging K-Tray	11 Distinction Type B-Type B	



Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB1805-MMDB3XXXXKB	ITEM NO. FDB1805	 Leader Of Industry
	X.±.012(0.30)	X:±5'	CHECKED BY JACOB	DATE 28/JUN/13	TITLE D-SUB Connectors 18Circuits 90° Angle Male+Male		
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	DRAWN BY CHERRY	DATE 28/JUN/13	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		REV 2 SHEET NO. 1/1
SCALE 5:1	SIZE A4	X.XX±.006(0.15)					
		X.XXX±.004(0.10)					

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size changes	26/SEP/21	KATE	CHERRY
2	△	Size changes	30/AUG/22	MATT	CHERRY



Recommended P.C.Board Layout

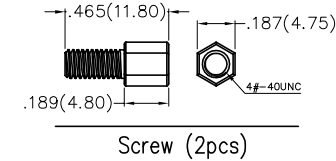
SPECIFICATIONS

Electrical

Current Rating: 3A AC(rms)/DC  
 Voltage Rating: 250V AC(rms)/DC  
 Contact Resistance: 25 mΩ Max  
 Insulation Resistance: 1000 MΩ Min  
 Withstanding Voltage: 500V AC r.m.s  
 Temperature Range-Operating: -55°C~+105°C

Material and Plating

Housing: PBT (UL 94V-0)  
 Contact: Copper Alloy/ Selective gold on contact area, tin on tail  
 Shell: Spcc/ Nickel Plated  
 Board Lock: Copper Alloy/ Tin Plated  
 Screws: Copper Alloy/ Nickel Plated



Ordering Information

FDB 18 05 — MM D B 3 XX XX K C  
 1 2 3 4 5 6 7 8 9 10 11

1 Category FDB-D-SUB Connector	2 Circuits 18-18Circuits	3 Distinction No. 05	4 Type MM-Male+Male	5 Assembly Layout D-DIP	6 Entry Angle B-90° Angle
7 Plating 3-Selective gold on contact area, tin on tail	8 Thickness of Plating 00-Gold Flash 03-3μ" Custom plate available	9 Color-Resin K6-Black U1-Blue	10 Packaging K-Tray	11 Distinction Type C-Type C	

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB1805-MMDB3XXXXKC	ITEM NO. FDB1805	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X:±5'	CHECKED BY JACOB	DATE 28/JUN/13	TITLE D-SUB Connectors 18Circuits 90° Angle Male+Male	
SCALE 5:1		SIZE A4	X.XX±.006(0.15)	.XX'±1'	DRAWN BY CHERRY	DATE 28/JUN/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'			REV 2	SHEET NO. 1/1