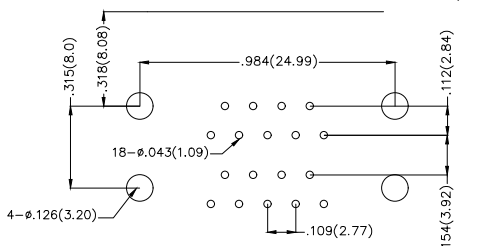
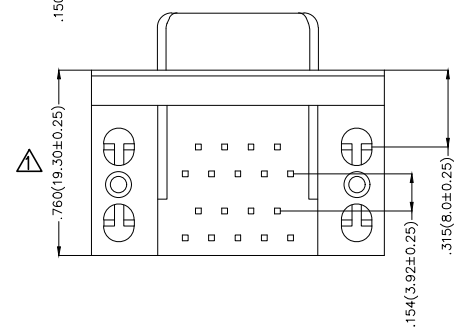
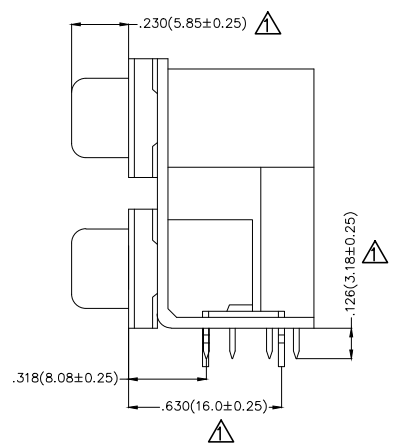
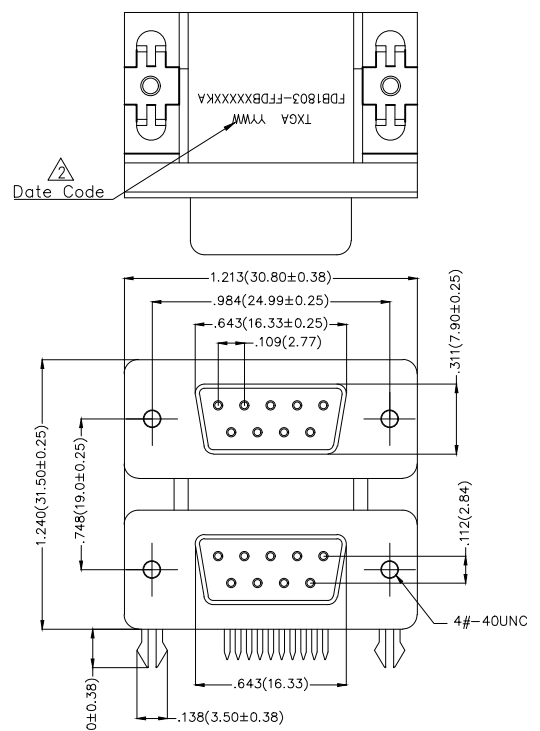


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Update dimensions	12/OCT/23	MATT	LEO
2	△	Add marking code	13/Jan/25	NICK	LEO



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 in contact area, tin on tail  
 Shell: Spcc/ Nickel Plated  
 Board Lock: Copper Alloy/ Tin Plated

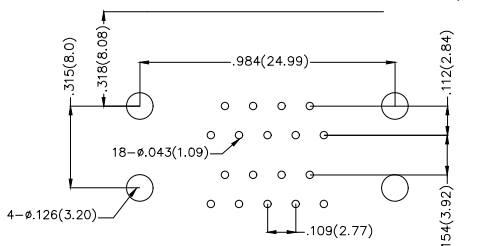
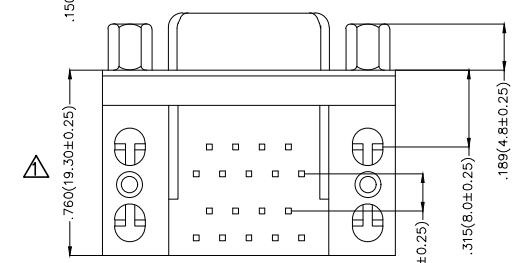
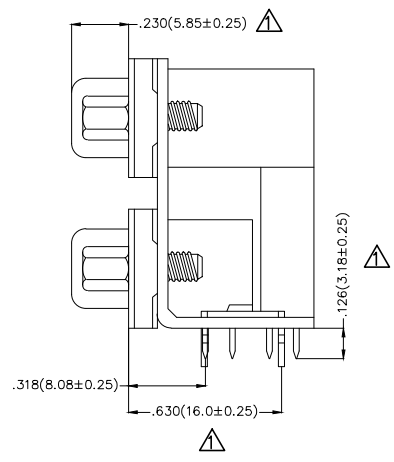
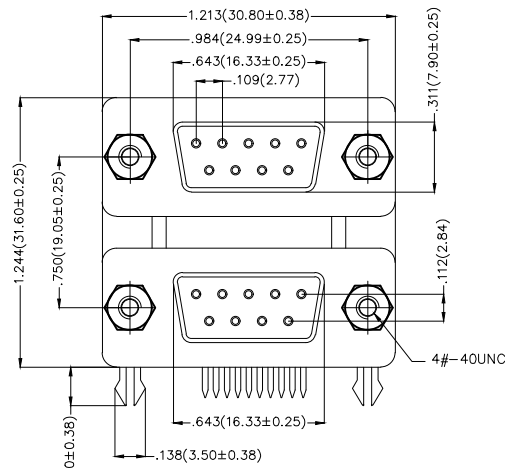
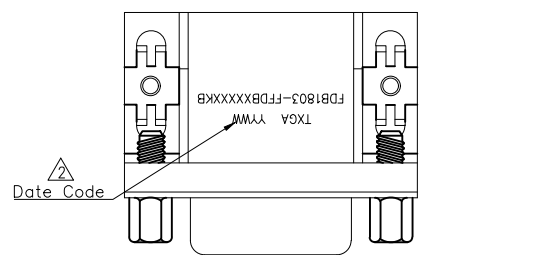
Ordering Information

FDB 18 03 - FF D B X 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. 03	4 Type FF-Female+Female	5 Assembly Layout D-DIP	6 Entry Angle B-90° Angle
7 Plating 1-Gold plated 3-Selective gold in 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	

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB1803-FFDBXXXXXA	ITEM NO. FDB1803	 Leader Of Industry	
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X.'±5' X'±2' .XX'±1" .XXX'±0.5"	CHECKED BY JACOB	DATE 28/JUN/13	TITLE D-SUB Connector 18Circuits 90° Angle Female+Female		
SCALE 5:1	SIZE A4		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

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Update dimensions	12/OCT/23	MATT	LEO
2	△	Add marking code	13/Jan/25	NICK	LEO



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 in contact area, tin on tail  
 Shell: Spcc/ Nickel Plated  
 Board Lock: Copper Alloy/ Tin Plated  
 Screw: Copper Alloy/ Nickel Plated

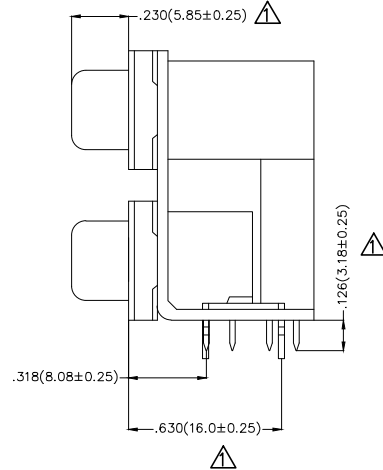
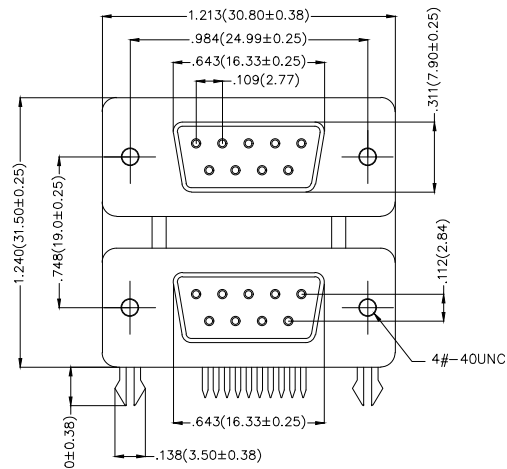
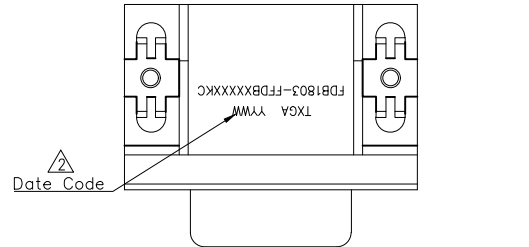
Ordering Information

FDB 18 03 - FF D B X 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. 03	4 Type FF-Female+Female	5 Assembly Layout D-DIP	6 Entry Angle B-90° Angle
7 Plating 1-Gold plated 3-Selective gold in 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	

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB1803-FFDBXXXXXXKB	ITEM NO. FDB1803	 Leader Of Industry	
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X.'±5' X.'±2' .XX'±1" .XXX'±0.5'	CHECKED BY JACOB	DATE 28/JUN/13	TITLE D-SUB Connector 18Circuits 90° Angle Female+Female		REV 2
SCALE 5:1	SIZE A4		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			

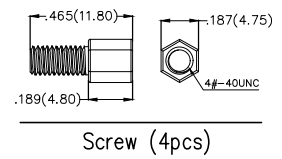
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Update dimensions	12/OCT/23	MATT	LEO
2		Add marking code	13/Jan/25	NICK	LEO



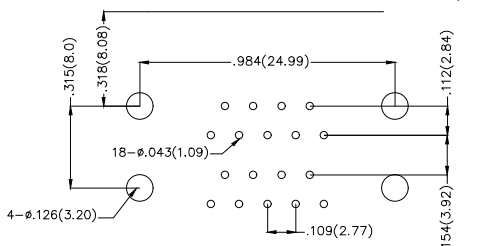
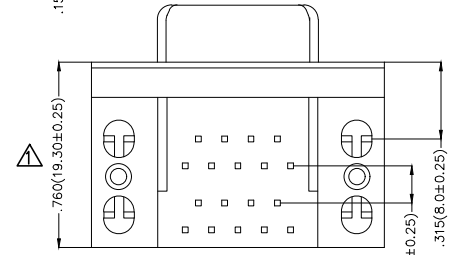
SPECIFICATIONS

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 in contact area, tin on tail  
 Shell: Spcc/ Nickel Plated  
 Board Lock: Copper Alloy/ Tin Plated  
 Screw: Copper Alloy/ Nickel Plated



Screw (4pcs)



Recommended P.C.Board Layout

Ordering Information

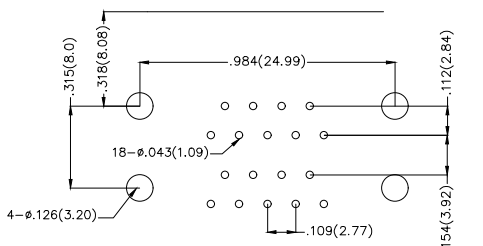
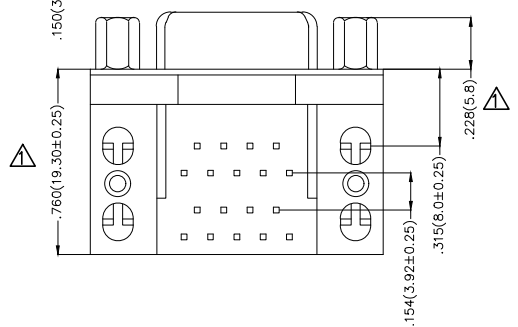
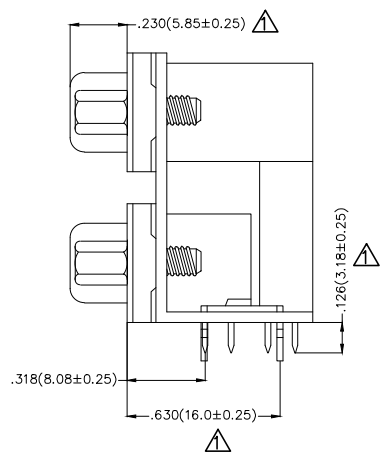
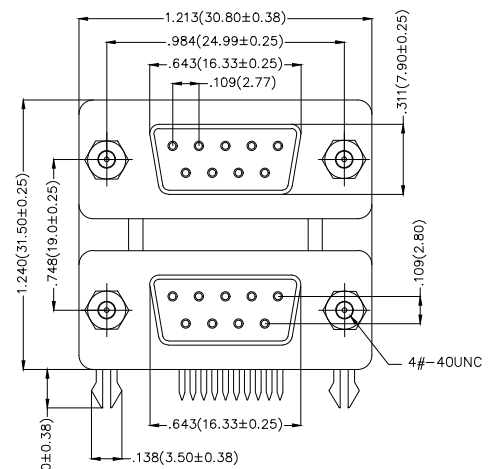
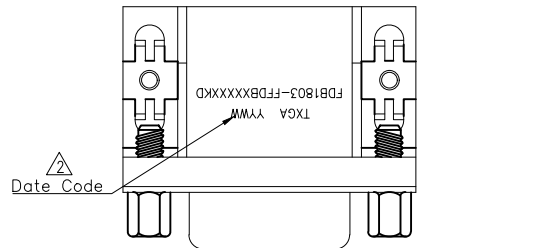
FDB 18 03 - FF D B X XX XX K C  
 1 2 3 4 5 6 7 8 9 10 11

1 Category FDB-D-SUB Connector	2 Circuits 18-18Circuits	3 Distinction No. 03	4 Type FF-Female+Female	5 Assembly Layout D-DIP	6 Entry Angle B-90° Angle
7 Plating 1-Gold plated 3-Selective gold in 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. FDB1803-FFDBXXXXXXKC	ITEM NO. FDB1803	 Leader Of Industry	
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X.'±5' X.'±2' .XX'±1" .XXX'±0.5'	CHECKED BY JACOB	DATE 28/JUN/13	TITLE D-SUB Connector 18Circuits 90° Angle Female+Female		REV 2
SCALE 5:1	SIZE A4		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			

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Update dimensions	12/OCT/23	MATT	LEO
2	△	Add marking code	13/Jan/25	NICK	LEO



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 in contact area, tin on tail  
 Shell: Spcc/ Nickel Plated  
 Board Lock: Copper Alloy/ Tin Plated  
 Screw: Copper Alloy/ Nickel Plated

Ordering Information

FDB 18 03 - FF D B X XX XX K D  
 1 2 3 4 5 6 7 8 9 10 11

1 Category FDB-D-SUB Connector	2 Circuits 18-18Circuits	3 Distinction No. 03	4 Type FF-Female+Female	5 Assembly Layout D-DIP	6 Entry Angle B-90° Angle
7 Plating 1-Gold plated 3-Selective gold in 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 D-Type D	

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB1803-FFDBXXXXXKD	ITEM NO. FDB1803	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X.'±5' X.'±2' X.X'±1" X.XXX'±0.5"	CHECKED BY JACOB	DATE 28/JUN/13	TITLE D-SUB Connector 18Circuits 90° Angle Female+Female	
SCALE 5:1	SIZE A4		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

1 2 3 4 5 6 7 8