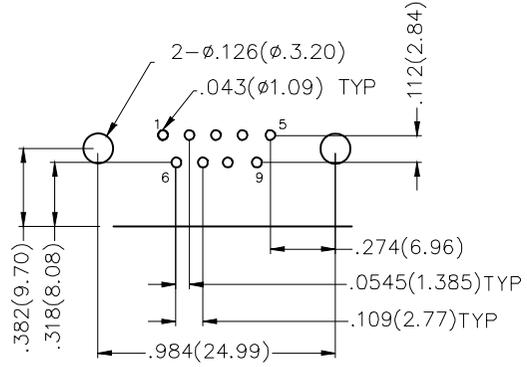
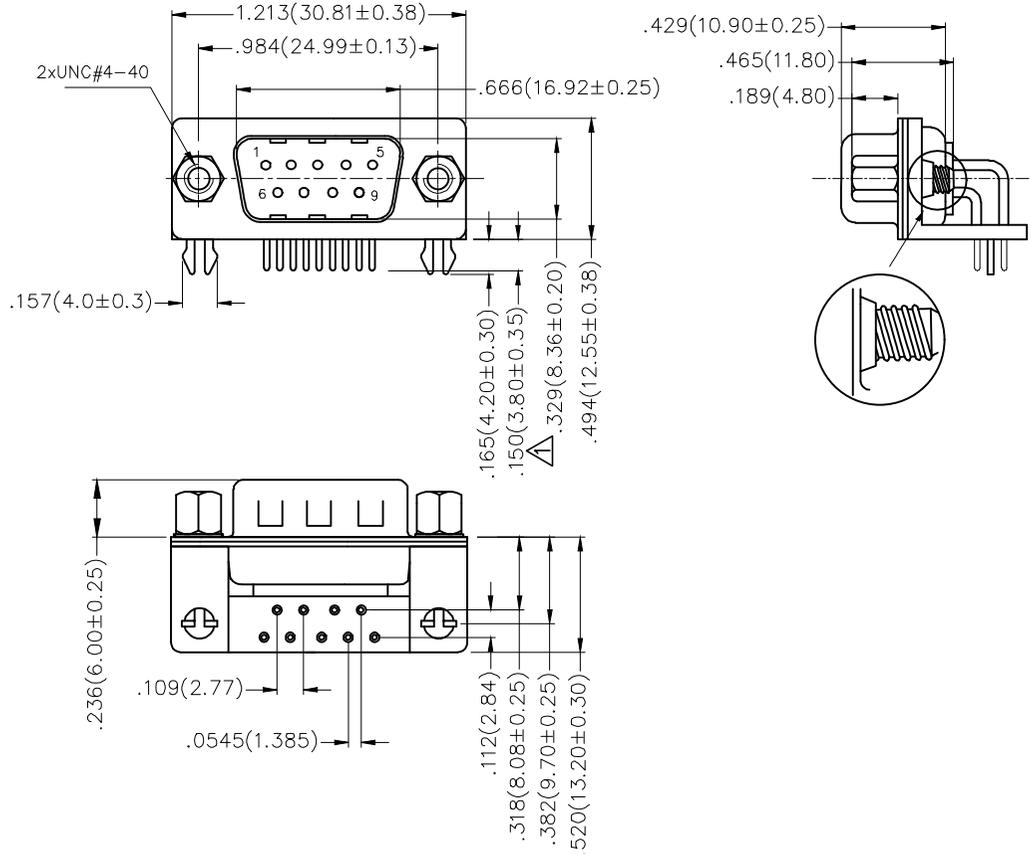


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	▲	Size 3.30 Change to 3.8±0.35	04/AUG/20	CHERRY	KATE



Recommended P.C. Board Layout

Ordering Information

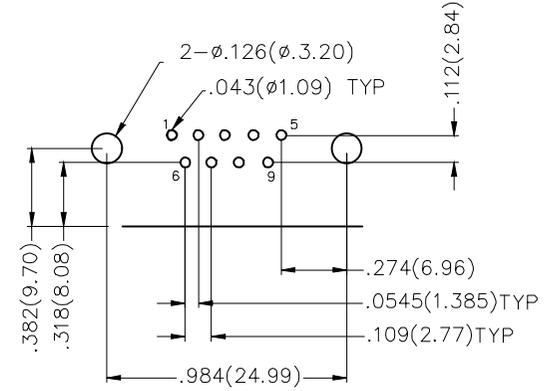
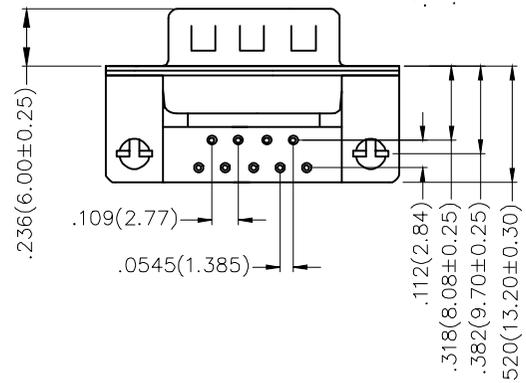
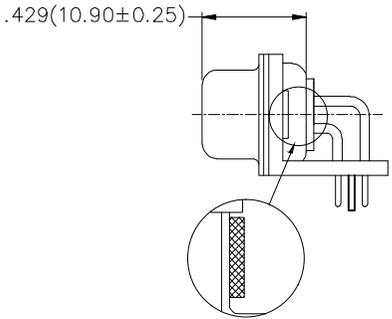
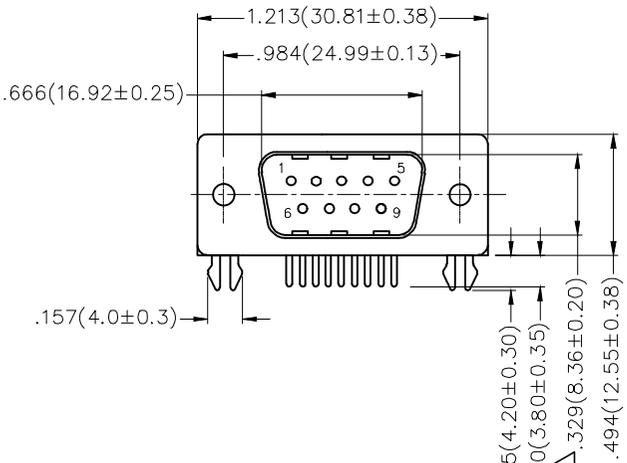
FDM 09 01 - M O D B 1 XX XX X
 1 2 3 4 5 6 7 8 9 10

1 Category	2 Circuits	3 Distinction No.	4 Type	5 Assembly Layout	6 Entry Angle
FDM-Machined pin D-SUB connector	09	01	M0-Male	D-DIP	B-90° Angle
7 Plating	8 Thickness of Plating	9 Color-Resin	10 Packaging		
1-Gold plated	01-1 μ " 03-3 μ " Custom plate available	W1-White K6-Black	K-Tray L-Tube		

Materials And Finish
 Shell: Spcc Material, Front Nickel Plated 80 μ Min
 Back Shell: SPCC, Tin Plated 100 μ Min
 Insulator: Glass Filled Thermoplastic, UL 94V-0
 Contact Material: Brass /Gold Plated
 Electrical Characteristic
 Current Rating: 7.5A
 Voltage Rating: 300V
 Contact Resistance: 5m Ω Max
 Dielectric Withstanding Voltage :1000V AC r.m.s
 Insulation Resistance: 5000 M Ω Min.
 Temperature Range-Operating: -55°C ~ +105°C

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Leader Of Industry
	X.±.012(0.30)	X.±5'	FRANK	28/JUN/13	FDM0901-MODB1XXXX	FDM0901-M0	
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	CHECKED BY	DATE	TITLE		
SCALE	X.XX±.006(0.15)	.XX'±1'	JACOB	28/JUN/13	Machined pin D-SUB connector 90° Angle Male		REV 1
SIZE	X.XXX±.004(0.10)	.XXX'±0.5'	DRAWN BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 1/1
5:1			CHERRY	28/JUN/13			

REV	LOCATIONS	DESCRIPTION	DATE	REVISOR	APPD
1	▲	Size 3.30 Change to 3.8±0.35	04/AUG/20	CHERRY	KATE



Recommended P.C.Board Layout

Ordering Information

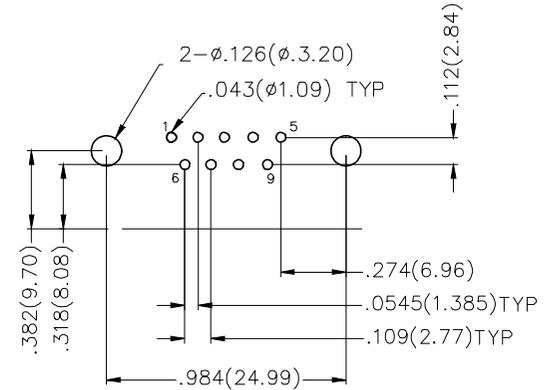
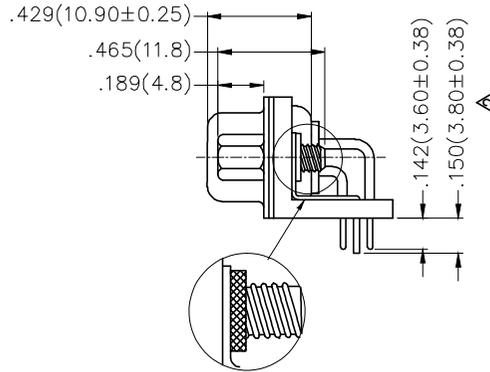
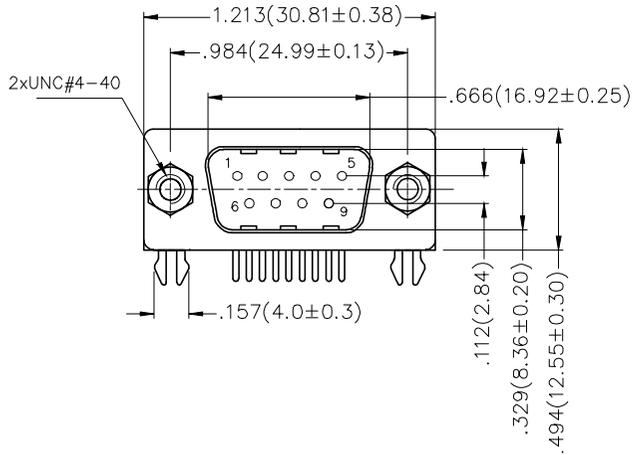
FDM 09 01 — MO D B 1 XX XX X B
 1 2 3 4 5 6 7 8 9 10 11

1	Category FDM—Machined pin D—SUB connector	2	Circuits 09	3	Distinction No. 01	4	Type MO—Male	5	Assembly Layout D—DIP	6	Entry Angle B—90° Angle
7	Plating 1—Gold plated	8	Thickness of Plating 01—1µ" 03—3µ" Custom plate available	9	Color—Resin W1—White K6—Black	10	Packaging K—Tray L—Tube	11	Distinction Type B—B Type		

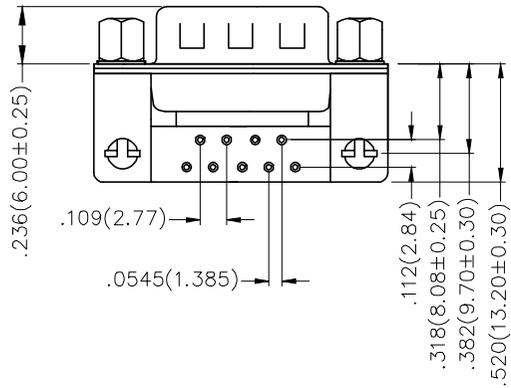
Materials And Finish
 Shell: Spcc Material, Front Nickel Plated 80µ" Min
 Back Shell: SPCC, Tin Plated 100µ" Min
 Insulator: Glass Filled Thermoplastic, UL 94V-0
 Contact Material: Brass /Gold Plated
 Electrical Characteristic
 Current Rating: 7.5A
 Voltage Rating: 300V
 Contact Resistance: 5mΩ Max
 Dielectric Withstanding Voltage :1000V AC r.m.s
 Insulation Resistance: 5000 MΩ Min.
 Temperature Range—Operating: -55°C ~ +105°C

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDM0901—MODB1XXXXXB	ITEM NO. FDM0901—MO	 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 Machined pin D—SUB connector 90° Angle Male	
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		Size 3.30 Change to 3.8±0.35	04/AUG/20	CHERRY	KATE
2		Size: Change 4.20/3.80 into 3.80/3.60	26/SEP/21	KATE	FRANK



Recommended P.C.Board Layout



Ordering Information

FDM 09 01 — MO D B 1 XX XX X C
 1 2 3 4 5 6 7 8 9 10 11

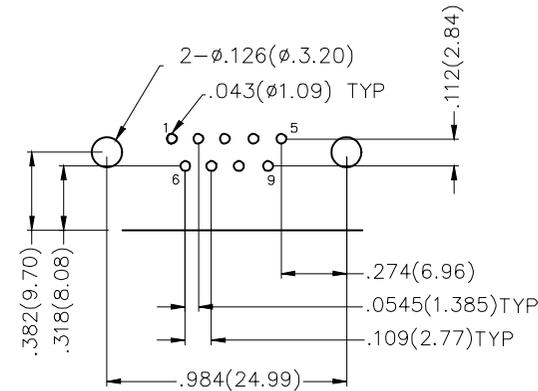
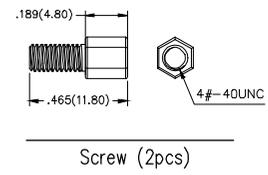
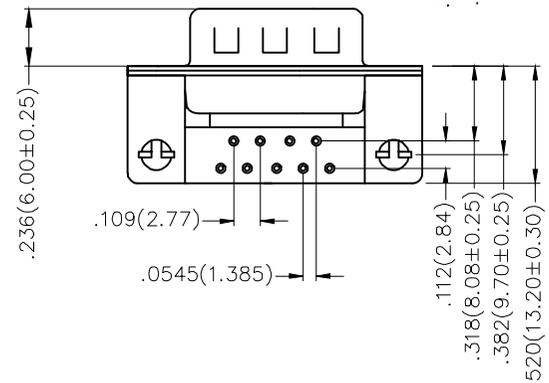
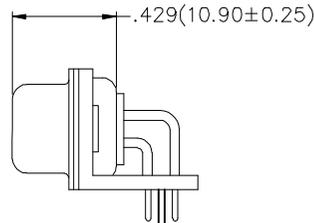
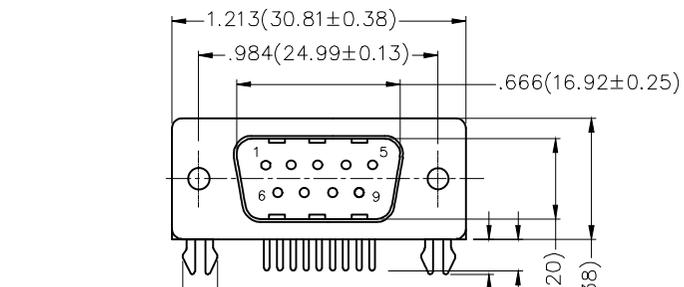
1	Category FDM—Machined pin D—SUB connector	2	Circuits 09	3	Distinction No. 01	4	Type MO—Male	5	Assembly Layout D—DIP	6	Entry Angle B—90° Angle
7	Plating 1—Gold Plated	8	Thickness of Plating 01—1μ" 03—3μ" Custom plate available	9	Color—Resin W1—White K6—Black	10	Packaging K—Tray L—Tube	11	Distinction Type C—C Type		

Materials And Finish

Shell: Spcc Material, Front Nickel Plated 80μ" Min
 Back Shell: SPCC, Tin Plated 100μ" Min
 Insulator: Glass Filled Thermoplastic, UL 94V-0
 Contact Material: Brass /Gold Plated
 Electrical Characteristic
 Current Rating: 7.5A
 Voltage Rating: 300V
 Contact Resistance: 5mΩ Max
 Dielectric Withstanding Voltage :1000V AC r.m.s
 Insulation Resistance: 5000 MΩ Min.
 Temperature Range—Operating: -55°C ~ +105°C

	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDM0901—MODB1XXXXXC	ITEM NO. FDM0901	
	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 Machined pin D—SUB connector 90° Angle Male	
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	REVISOR	APPD
1	▲	Size 3.30 Change to 3.8±0.35	04/AUG/20	CHERRY	KATE



Recommended P.C.Board Layout

Ordering Information

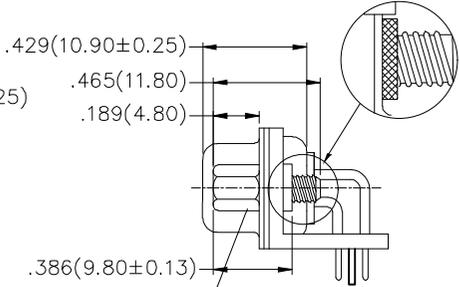
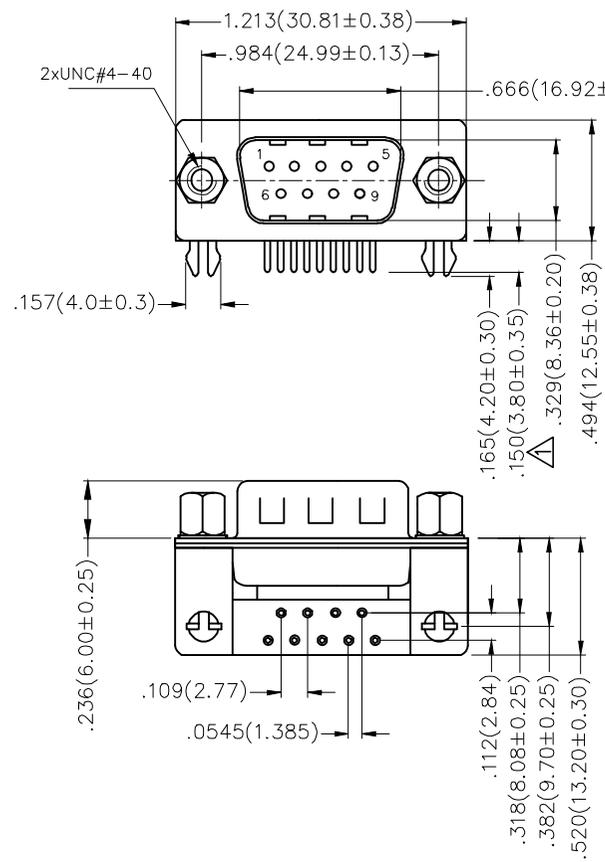
FDM 09 01 — MO D B 1 XX XX X D
 1 2 3 4 5 6 7 8 9 10 11

1	Category FDM—Machined pin D—SUB connector	2	Circuits 09	3	Distinction No. 01	4	Type MO—Male	5	Assembly Layout D—DIP	6	Entry Angle B—90° Angle
7	Plating 1—Gold plated	8	Thickness of Plating 01—1μ" 03—3μ" Custom plate available	9	Color—Resin W1—White K6—Black	10	Packaging K—Tray L—Tube	11	Distinction Type D—D Type		

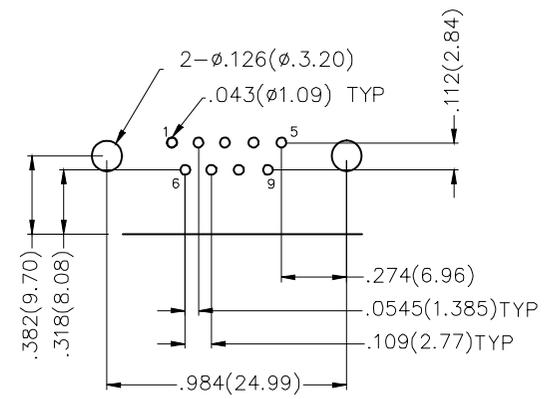
Materials And Finish
 Shell: Spcc Material, Front Nickel Plated 80μ* Min
 Back Shell: SPCC, Tin Plated 100μ* Min
 Insulator: Glass Filled Thermoplastic, UL 94V-0
 Contact Material: Brass /Gold Plated
Electrical Characteristic
 Current Rating: 7.5A
 Voltage Rating: 300V
 Contact Resistance: 5mΩ Max
 Dielectric Withstanding Voltage :1000V AC r.m.s
 Insulation Resistance: 5000 MΩ Min.
 Temperature Range—Operating: -55°C ~ +105°C

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDM0901—MODB1XXXXXD	ITEM NO. FDM0901—MO	 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 Machined pin D—SUB connector 90° Angle Male	
SCALE 5:1	SIZE A4	DRAWN BY CHERRY		DATE 28/JUN/13	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.2)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	▲	Size 3.30 Change to 3.8±0.35	04/AUG/20	CHERRY	KATE



* Notes:
Screws (Part No.: R-6AB-01A)
Salt spray: 48H
Torque force: 6kgf



Recommended P.C.Board Layout

Ordering Information

FDM 09 01 — MO D B 1 XX XX X E
1 2 3 4 5 6 7 8 9 10 11

1	Category FDM—Machined pin D—SUB connector	2	Circuits 09	3	Distinction No. 01	4	Type MO—Male	5	Assembly Layout D—DIP	6	Entry Angle B—90° Angle
7	Plating 1—Gold plated	8	Thickness of Plating 01—1µ" 03—3µ" Custom plate available	9	Color—Resin W1—White K6—Black	10	Packaging K—Tray L—Tube	11	Distinction Type E—E Type		

Materials And Finish
Shell: Spcc Material, Front Nickel Plated 80µ Min
Back Shell: SPCC, Tin Plated 100µ Min
Insulator: Glass Filled Thermoplastic, UL 94V-0
Contact Material: Brass /Gold Plated
Electrical Characteristic
Current Rating: 7.5A
Voltage Rating: 300V
Contact Resistance: 5mΩ Max
Dielectric Withstanding Voltage :1000V AC r.m.s
Insulation Resistance: 5000 MΩ Min.
Temperature Range—Operating: -55°C ~ +105°C

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDM0901—MODB1XXXXXE	ITEM NO. FDM0901—MO	 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 Machined pin D—SUB connector 90° Angle Male	
SCALE 5:1	SIZE A4	DRAWN BY CHERRY		DATE 28/JUN/13	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.2)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		