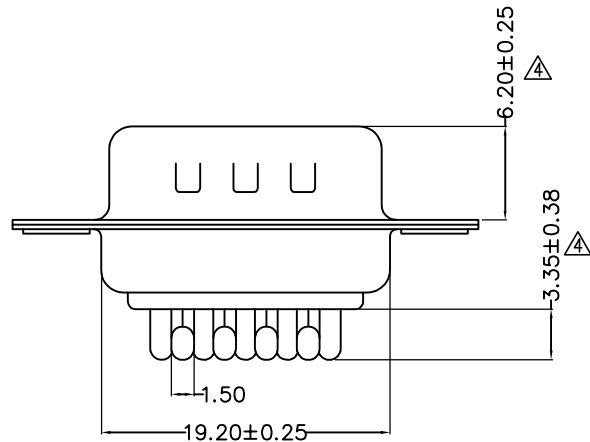
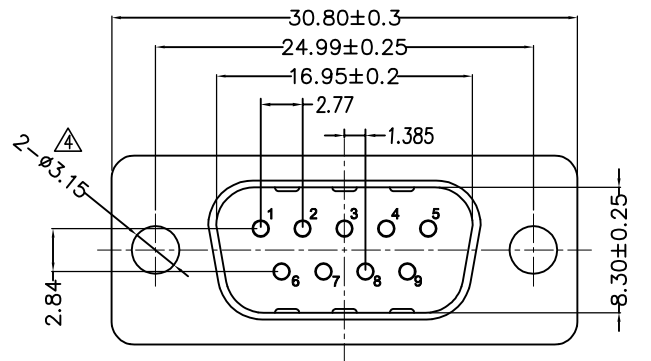
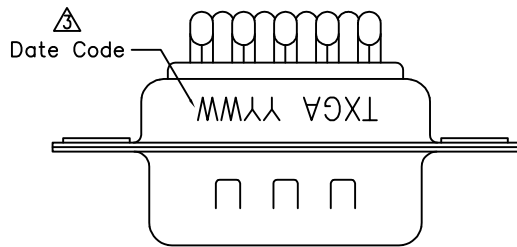


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△1	ADD DIM	25/FEB/15	KEVIN	CHERRY
2	△2	Size changes	01/SEP/21	KATE	CHERRY
3	△3	Add marking code	13/Jan/25	NICK	LEO
4	△4	1:New frame, new drawing 2:Update dimensions	18/JUN/26	MATT	LEO

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: -45°C~+105°C

Material and Plating

Housing: PBT (UL 94V-0)
Contact Pin: Copper alloy/Selective gold on contact area,
tin on tail/Gold Plated over nickel
Shell: SPCC/Front Shell Nickel Plated ;Back Shell Tin plated

*Date Code: YYWW

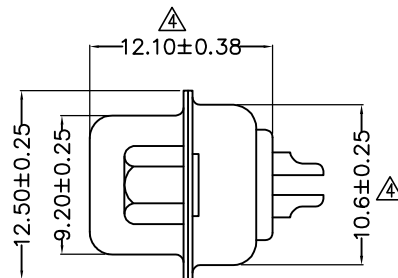
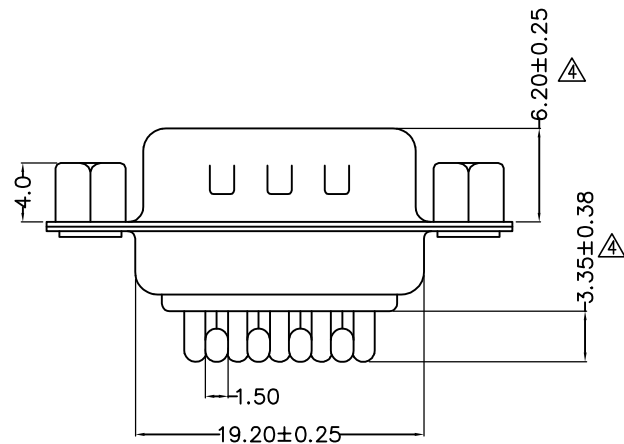
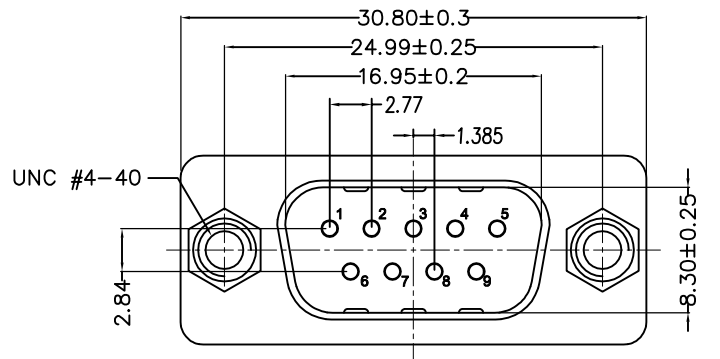
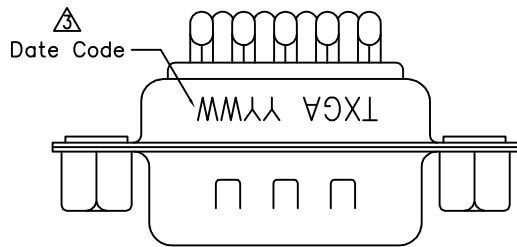
└─ Week
└─ Year

Ordering Information

FDB 09 05 — M0 W S X XX XX X A
1 2 3 4 5 6 7 8 9 10 11

1	Category FDB-D-SUB Connectors	2	Circuits 09-9Circuits	3	Distinction No. 05	4	Type M0-Male	5	Assembly Layout W-Welding Type	6	Entry Angle S-180° Vertical
7	Plating 1-Gold Plated 3-Selective gold on contact area, tin on tail	8	Thickness of Plating 00-Gold Flash 01-0.025μm 03-0.075μm Custom plate available	9	Color-Resin K6-Black U1-Blue	10	Packaging K-Tray	11	Distinction Type A-A Type		

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 14/APR/26	PART NO. FDB0905-MOWSXXXXXXA	ITEM NO. FDB0905	 Building Technology Cornerstone	
		X. ±0.30	X.' ±5'	CHECKED BY	DATE	TITLE D-SUB Connectors 9 Circuits 180° Vertical Male			
DESIGN UNITS Metric		X.X ±0.20	X.X' ±2'	CHERRY	14/APR/26			REV 4	
SCALE 3:1	SIZE A4	X.XX ±0.15	X.XX' ±1'	DRAWN BY MATT	DATE 14/APR/26	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 ±0.10	X.XXX' ±0.5'						



REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△1	ADD DIM	25/FEB/15	KEVIN	CHERRY
2	△2	Size changes	01/SEP/21	KATE	CHERRY
3	△3	Add marking code	13/Jan/25	NICK	LEO
4	△4	1:New frame, new drawing 2:Update dimensions	18/JUN/26	MATT	LEO

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: -45°C~+105°C

Material and Plating

Housing: PBT (UL 94V-0)
Contact Pin: Copper alloy/Selective gold on contact area,
tin on tail/Gold Plated over nickel

Shell: SPCC/Front Shell Nickel Plated ;Back Shell Tin plated

Screw: Brass/Nickel Plated

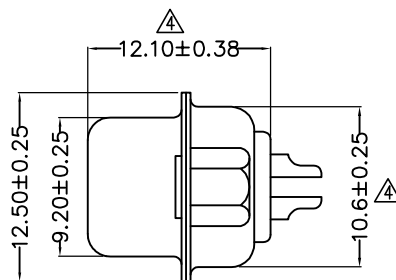
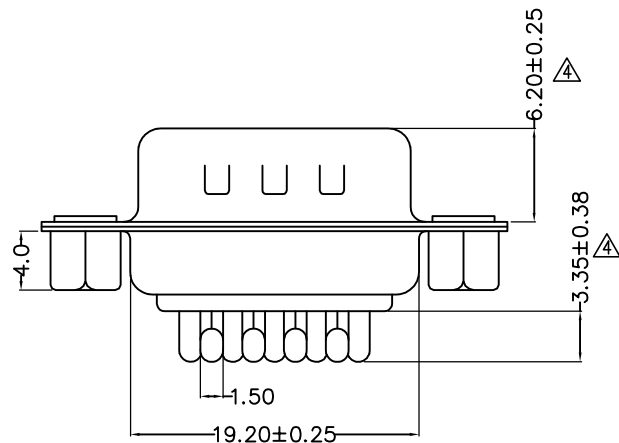
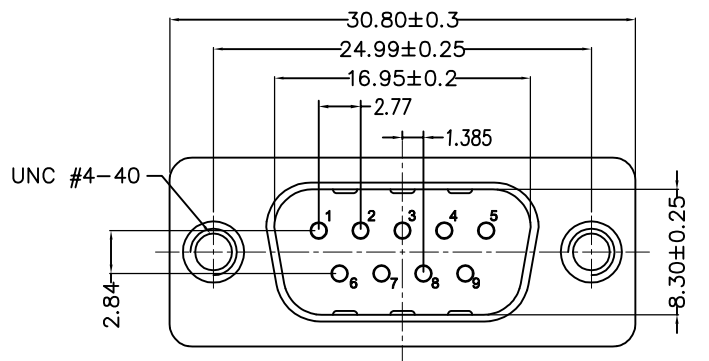
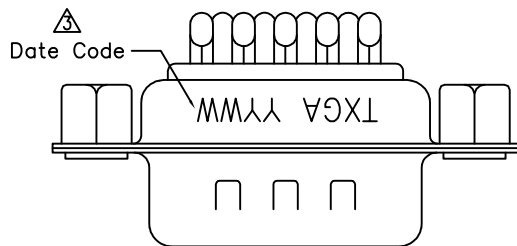
*Date Code: YYWW
└─Week
└─Year

Ordering Information

FDB 09 05 — M0 W S X XX XX X B
1 2 3 4 5 6 7 8 9 10 11

1	Category FDB-D-SUB Connectors	2	Circuits 09-9Circuits	3	Distinction No. 05	4	Type M0-Male	5	Assembly Layout W-Welding Type	6	Entry Angle S-180° Vertical
7	Plating 1-Gold Plated 3-Selective gold on contact area, tin on tail	8	Thickness of Plating 00-Gold Flash 01-0.025μm 03-0.075μm Custom plate available	9	Color-Resin K6-Black U1-Blue	10	Packaging K-Tray	11	Distinction Type B-B Type		

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 14/APR/26	PART NO. FDB0905-MOWSXXXXXXB	ITEM NO. FDB0905	 Building Technology Cornerstone	
DESIGN UNITS Metric				CHECKED BY CHERRY	DATE 14/APR/26	TITLE D-SUB Connectors 9 Circuits 180° Vertical Male			
		X. ±0.30 X.* ±5°		DRAWN BY MATT	DATE 14/APR/26			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S,Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
X.X ±0.20 X.X* ±2°									
X.XX ±0.15 X.XX' ±1°									
SCALE 3:1	SIZE A4	X.XXX ±0.10 X.XXX' ±0.5°		REV 4 SHEET NO. 1/1					



REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△1	ADD DIM	25/FEB/15	KEVIN	CHERRY
2	△2	Size changes	01/SEP/21	KATE	CHERRY
3	△3	Add marking code	13/Jan/25	NICK	LEO
4	△4	1:New frame, new drawing 2:Update dimensions	18/JUN/26	MATT	LEO

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: -45°C~+105°C

Material and Plating

Housing: PBT (UL 94V-0)
Contact Pin: Copper alloy/Selective gold on contact area,
tin on tail/Gold Plated over nickel
Shell: SPCC/Front Shell Nickel Plated ;Back Shell Tin plated
Screw: Brass/Nickel Plated

*Date Code: YYWW

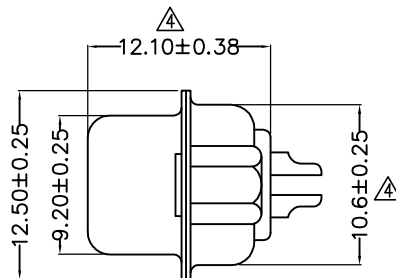
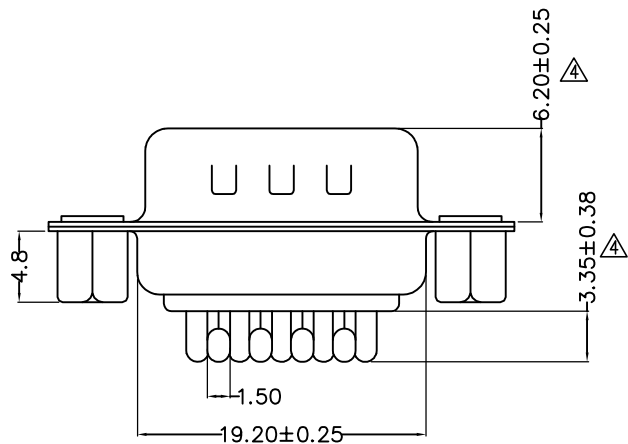
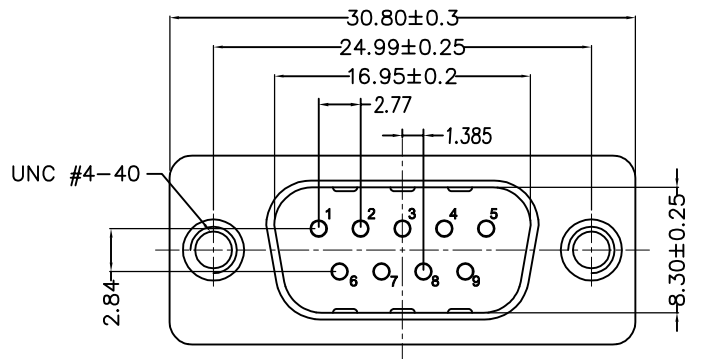
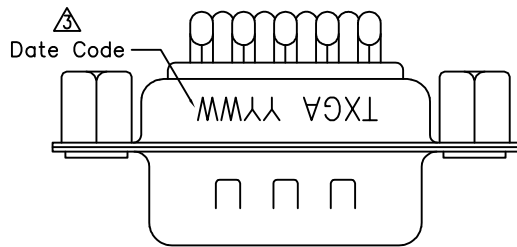
└─ Week
└─ Year

Ordering Information

FDB 09 05 — M0 W S X XX XX X C
1 2 3 4 5 6 7 8 9 10 11

1	Category FDB—D—SUB Connectors	2	Circuits 09—9Circuits	3	Distinction No. 05	4	Type M0—Male	5	Assembly Layout W—Welding Type	6	Entry Angle S—180° Vertical
7	Plating 1—Gold Plated 3—Selective gold on contact area, tin on tail	8	Thickness of Plating 00—Gold Flash 01—0.025μm 03—0.075μm Custom plate available	9	Color—Resin K6—Black U1—Blue	10	Packaging K—Tray	11	Distinction Type C—C Type		

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 14/APR/26	PART NO. FDB0905—MOWSXXXXXXC	ITEM NO. FDB0905	 Building Technology Cornerston	
DESIGN UNITS Metric				CHECKED BY CHERRY	DATE 14/APR/26	TITLE D—SUB Connectors 9 Circuits 180° Vertical Male			
		SCALE 3:1	SIZE A4	X. ±0.30	X.* ±5°	DRAWN BY MATT	DATE 14/APR/26	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
		X.X ±0.20	X.X* ±2°						
		X.XX ±0.15	X.XX* ±1°						
		X.XXX ±0.10	X.XXX* ±0.5°						



REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△1	ADD DIM	25/FEB/15	KEVIN	CHERRY
2	△2	Size changes	01/SEP/21	KATE	CHERRY
3	△3	Add marking code	13/Jan/25	NICK	LEO
4	△4	1:New frame, new drawing 2:Update dimensions	18/JUN/26	MATT	LEO

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: -45°C~+105°C

Material and Plating

Housing: PBT (UL 94V-0)
Contact Pin: Copper alloy/Selective gold on contact area,
tin on tail/Gold Plated over nickel
Shell: SPCC/Front Shell Nickel Plated ;Back Shell Tin plated
Screw: Brass/Nickel Plated

*Date Code: YYWW

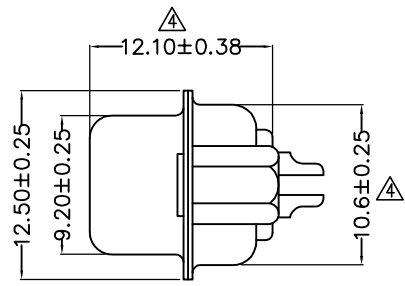
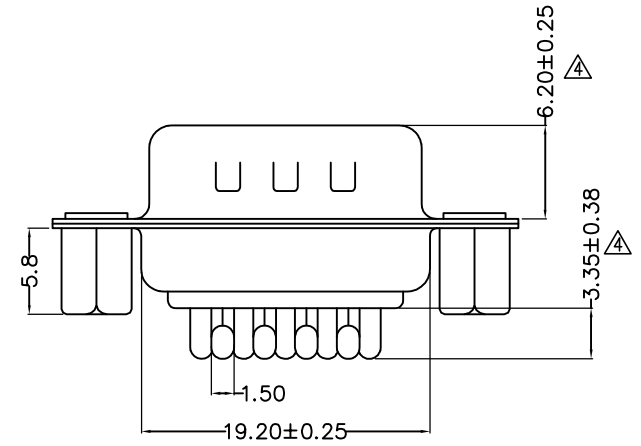
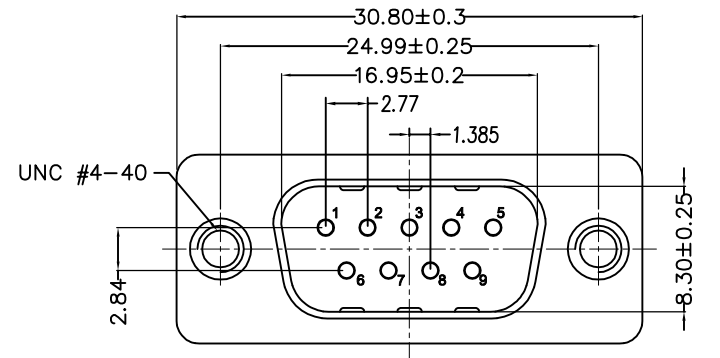
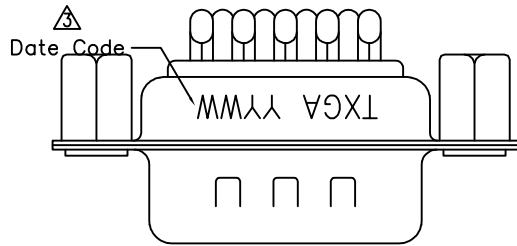
└─ Week
└─ Year

Ordering Information

FDB 09 05 — M0 W S X XX XX X D
1 2 3 4 5 6 7 8 9 10 11

1	Category FDB-D-SUB Connectors	2	Circuits 09-9Circuits	3	Distinction No. 05	4	Type M0-Male	5	Assembly Layout W-Welding Type	6	Entry Angle S-180° Vertical
7	Plating 1-Gold Plated 3-Selective gold on contact area, tin on tail	8	Thickness of Plating 00-Gold Flash 01-0.025μm 03-0.075μm Custom plate available	9	Color-Resin K6-Black U1-Blue	10	Packaging K-Tray	11	Distinction Type D-D Type		

THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 14/APR/26	PART NO. FDB0905-MOWSXXXXXD		ITEM NO. FDB0905	TXGA Building Technology Cornerstone	
DESIGN UNITS Metric		X. ±0.30	X.* ±5°	CHECKED BY CHERRY	DATE 14/APR/26	TITLE D-SUB Connectors 9 Circuits 180° Vertical Male				
SCALE 3:1		X.XX ±0.15	X.XX* ±1°	DRAWN BY MATT		DATE 14/APR/26		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
SIZE A4		X.XXX ±0.10	X.XXX* ±0.5°							REV 4 SHEET NO. 1/1



REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△1	ADD DIM	25/FEB/15	KEVIN	CHERRY
2	△2	Size changes	01/SEP/21	KATE	CHERRY
3	△3	Add marking code	13/Jan/25	NICK	LEO
4	△4	1:New frame, new drawing 2:Update dimensions	18/JUN/26	MATT	LEO

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: -45°C~+105°C

Material and Plating
Housing: PBT (UL 94V-0)
Contact Pin: Copper alloy/Selective gold on contact area,
tin on tail/Gold Plated over nickel

Shell: SPCC/Front Shell Nickel Plated ;Back Shell Tin plated
Screw: Brass/Nickel Plated

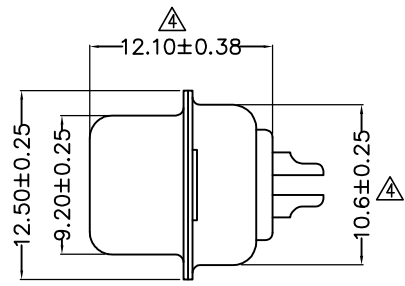
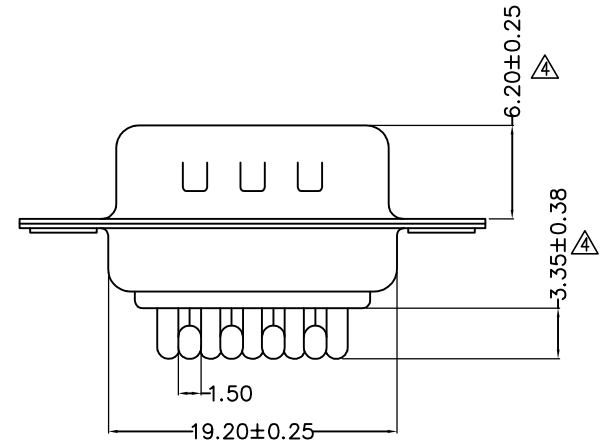
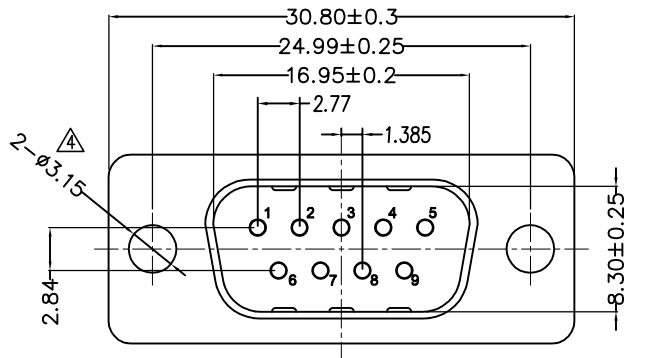
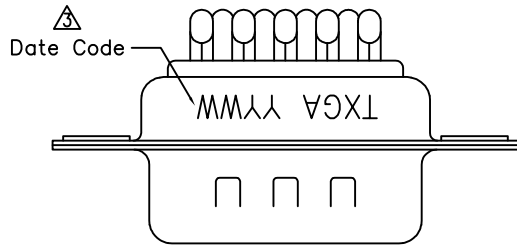
*Date Code: YYWW
└┐ Week
└┐ Year

Ordering Information

FDB 09 05 — M0 W S X XX XX X E
1 2 3 4 5 6 7 8 9 10 11

1	Category FDB-D-SUB Connectors	2	Circuits 09-9Circuits	3	Distinction No. 05	4	Type M0-Male	5	Assembly Layout W-Welding Type	6	Entry Angle S-180° Vertical
7	Plating 1-Gold Plated 3-Selective gold on contact area, tin on tail	8	Thickness of Plating 00-Gold Flash 01-0.025μm 03-0.075μm Custom plate available	9	Color-Resin K6-Black U1-Blue	10	Packaging K-Tray	11	Distinction Type E-E Type		

THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 14/APR/26	PART NO. FDB0905-MOWSXXXXXXE		ITEM NO. FDB0905	TXGA Building Technology Cornerstone	
DESIGN UNITS Metric		X. ±0.30	X.* ±5°	CHECKED BY CHERRY	DATE 14/APR/26	TITLE D-SUB Connectors 9 Circuits 180° Vertical Male				
SCALE 3:1		X.XX ±0.15	X.XX* ±1°	DRAWN BY MATT		DATE 14/APR/26		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
SIZE A4		X.XXX ±0.10	X.XXX* ±0.5°							REV 4 SHEET NO. 1/1



REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△1	ADD DIM	25/FEB/15	KEVIN	CHERRY
2	△2	Size changes	01/SEP/21	KATE	CHERRY
3	△3	Add marking code	13/Jan/25	NICK	LEO
4	△4	1:New frame, new drawing 2:Update dimensions	18/JUN/26	MATT	LEO

Electrical

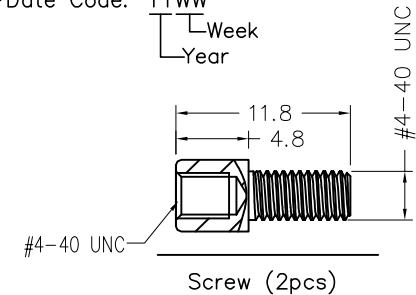
Current Rating: 3A AC(rms)/DC
Voltage Rating: 250V AC(rms)/DC
Contact Resistance: 25 mΩ Max
Insulation Resistance: 1000 MΩ MIN
Withstanding Voltage: 500V AC r.m.s
Temperature Range—Operating: -45°C~+105°C

Material and Plating

Housing: PBT (UL 94V-0)
Contact Pin: Copper alloy/Selective gold on contact area,
tin on tail/Gold Plated over nickel
Shell: SPCC/Front Shell Nickel Plated ;Back Shell Tin plated
Screw: Brass/Nickel Plated

*Date Code: YYWW

Week
Year



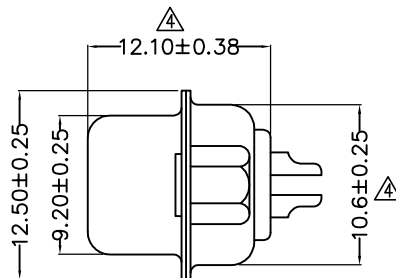
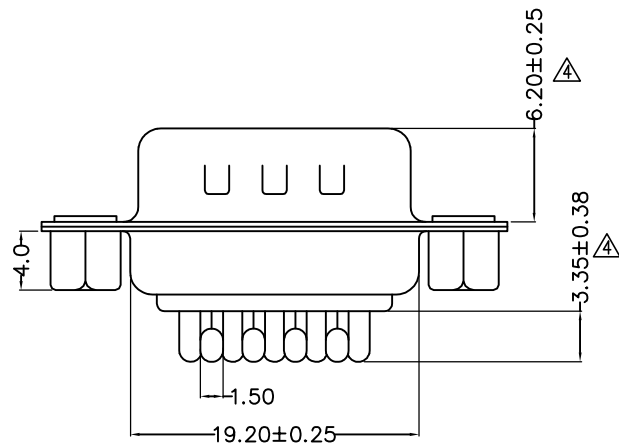
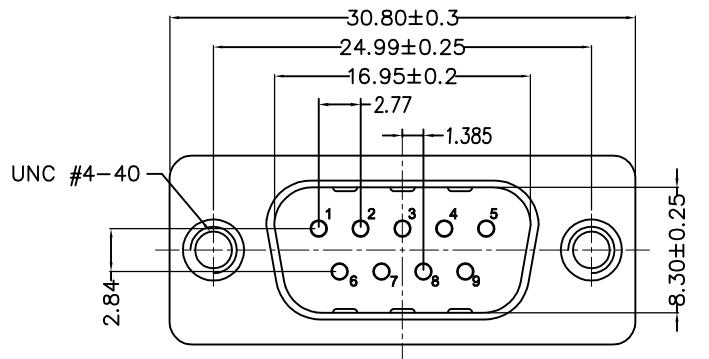
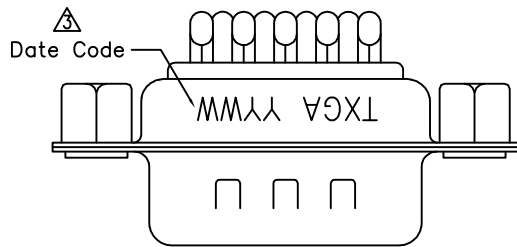
Screw (2pcs)

Ordering Information

FDB 09 05 — M0 W S X XX XX X F
1 2 3 4 5 6 7 8 9 10 11

1	Category FDB-D-SUB Connectors	2	Circuits 09-9Circuits	3	Distinction No. 05	4	Type M0-Male	5	Assembly Layout W-Welding Type	6	Entry Angle S-180° Vertical
7	Plating 1-Gold Plated 3-Selective gold on contact area, tin on tail	8	Thickness of Plating 00-Gold Flash 01-0.025μm 03-0.075μm Custom plate available	9	Color-Resin K6-Black U1-Blue	10	Packaging K-Tray	11	Distinction Type F-F Type		

THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 14/APR/26	PART NO. FDB0905-MOWSXXXXXXF		ITEM NO. FDB0905	TXGA Building Technology Cornerstone	
DESIGN UNITS Metric		X. ±0.30	X.* ±5°	CHECKED BY CHERRY	DATE 14/APR/26	TITLE D-SUB Connectors 9 Circuits 180° Vertical Male				
SCALE 3:1		X.XX ±0.15	X.XX* ±1°	DRAWN BY MATT		DATE 14/APR/26		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
SIZE A4		X.XXX ±0.10	X.XXX* ±0.5°							SHEET NO. 1/1



REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△1	ADD DIM	25/FEB/15	KEVIN	CHERRY
2	△2	Size changes	01/SEP/21	KATE	CHERRY
3	△3	Add marking code	13/Jan/25	NICK	LEO
4	△4	1:New frame, new drawing 2:Update dimensions	18/JUN/26	MATT	LEO

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: -45°C~+105°C

Material and Plating

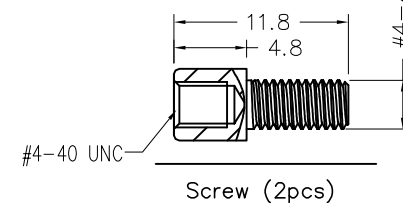
Housing: PBT (UL 94V-0)
Contact Pin: Copper alloy/Selective gold on contact area,
tin on tail/Gold Plated over nickel

Shell: SPCC/Front Shell Nickel Plated ;Back Shell Tin plated

Screw: Brass/Nickel Plated

*Date Code: YYWW

Week
Year



Screw (2pcs)

Ordering Information

FDB 09 05 — M0 W S X XX XX X G
1 2 3 4 5 6 7 8 9 10 11

1	Category FDB-D-SUB Connectors	2	Circuits 09-9Circuits	3	Distinction No. 05	4	Type M0-Male	5	Assembly Layout W-Welding Type	6	Entry Angle S-180° Vertical
7	Plating 1-Gold Plated 3-Selective gold on contact area, tin on tail	8	Thickness of Plating 00-Gold Flash 01-0.025μm 03-0.075μm Custom plate available	9	Color-Resin K6-Black U1-Blue	10	Packaging K-Tray	11	Distinction Type G-G Type		

		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 14/APR/26	PART NO. FDB0905--MOWSXXXXXXG	ITEM NO. FDB0905	 Building Technology Cornerstone	
THIRD ANGLE PROJECTION				CHECKED BY CHERRY	DATE 14/APR/26	TITLE D--SUB Connectors 9 Circuits 180° Vertical Male			
DESIGN UNITS Metric		X. ±0.30	X.* ±5°	DRAWN BY MATT	DATE 14/APR/26			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
		X.X ±0.20	X.X* ±2°						
		X.XX ±0.15	X.XX* ±1°						
SCALE 3:1	SIZE A4	X.XXX ±0.10	X.XXX* ±0.5°					REV 4	SHEET NO. 1/1