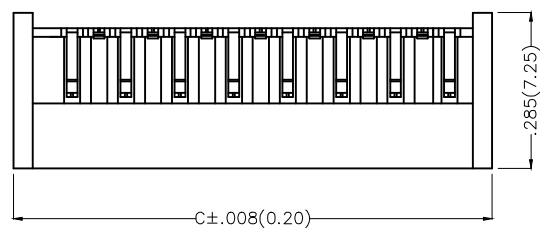


| REV | LOCATIONS | DESCRIPTION | DATE | REVISOR | APPD |
|-----|-----------|-----------------|-----------|---------|-------|
| 1 | △ | Material change | 01/DEC/17 | KATE | FRANK |



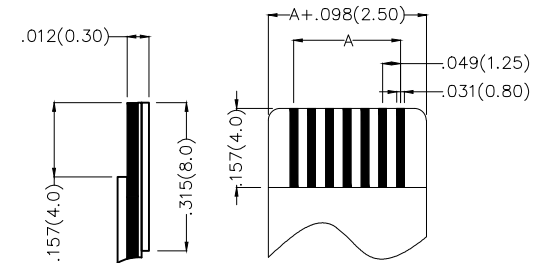
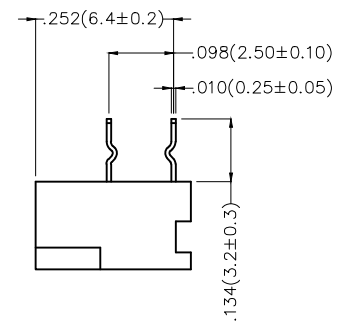
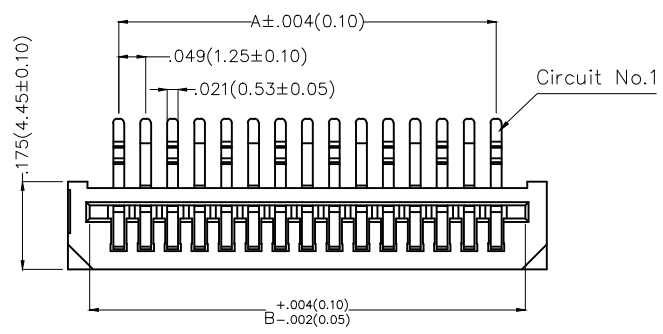
SPECIFICATIONS

Electrical

Current Rating: 0.5A AC(rms)/DC
Voltage Rating: 50V AC(rms)/DC
Contact Resistance: 20 mΩ Max
Insulation Resistance: 800 MΩ MIN
Withstanding Voltage: 500V AC r.m.s
Operating Temperature: -25°C~+85°C

Material

Housing: PA46 (UL 94V-0)
Contact: Phosphor bronze/ Tin plated

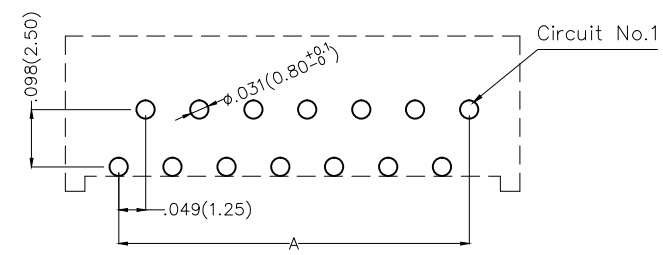


Applicable FFC Recommended Dimension

Ordering Information

| | | | | | | | | | | | | |
|-----|-----|----|---|----|---|---|---|---|----|----|----|---|
| FFC | 125 | 02 | — | XX | D | B | A | 2 | 2 | 6 | W5 | L |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |

| | | | | | |
|---|------------------------------------|---------------------------|-------------------------------|------------------------------|------------------------------|
| 1 Category FFC-FPC | 2 Series Number 125-Pitch1.25mm | 3 Distinction No. 02 | 4 Circuits XX | 5 Assemble Layout D-DIP | 6 Entry Angle B-90° Angle |
| 7 Contact Position A-Positive Needle | 8 ZIF 2-NOT ZIF | 9 Plating 2-Tin Plated | 10 Material-Resin 6-PA46 △ | 11 Color-Resin W5-Natural | 12 Packaging L-Tube |



Positive Needle Recommended P.C.Board Layout

| | | | | | | | | |
|-------------------------------|---------------------------------------|------------------|----------------------|-------------------|--|----------------------|------------------------|---------------|
| THIRD ANGLE PROJECTION | GENERAL TOLERANCES (UNLESS SPECIFIED) | | APPROVE BY FRANK | DATE 18/JUN/13 | PART NO. FFC12502-XXDBA226W5L | ITEM NO. FFC12502 | Leader Of Industry | |
| | X.±.012(0.30) | X.±5' | CHECKED BY CHERRY | DATE 18/JUN/13 | TITLE FPC/FFC Connector 1.25mm Positive Needle DIP | | | |
| DESIGN UNITS Inch (metric) | X.X±.008(0.20) | .X'±2' | DRAWN BY KEVIN | DATE 18/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 1 | SHEET NO. 1/4 |
| SCALE 5:1 | SIZE A4 | X.XX±.006(0.15) | | | | | | |
| | | X.XXX±.004(0.10) | | | | | | |

1 2 3 4 5 6 7 8

| REV | LOCATIONS | DESCRIPTION | DATE | REVISER | APPD |
|-----|-----------|-------------|------|---------|------|
| | | | | | |

A

B

C

D

E

F

A

B



C

D

E

F

| Circuits (n) | Part No. | Dimensions(in/mm) | | |
|-----------------|----------------------|-------------------|--------------|--------------|
| | | A | B | C |
| 5 | FFC12502-05DBA226W5L | .197(5.00) | .301(7.65) | .384(9.75) |
| 6 | FFC12502-06DBA226W5L | .246(6.25) | .350(8.90) | .433(11.00) |
| 7 | FFC12502-07DBA226W5L | .295(7.50) | .400(10.15) | .482(12.25) |
| 8 | FFC12502-08DBA226W5L | .344(8.75) | .449(11.40) | .531(13.50) |
| 9 | FFC12502-09DBA226W5L | .394(10.00) | .498(12.65) | .581(14.75) |
| 10 | FFC12502-10DBA226W5L | .443(11.25) | .547(13.90) | .630(16.00) |
| 11 | FFC12502-11DBA226W5L | .492(12.50) | .596(15.15) | .679(17.25) |
| 12 | FFC12502-12DBA226W5L | .541(13.75) | .646(16.40) | .728(18.50) |
| 13 | FFC12502-13DBA226W5L | .591(15.00) | .695(17.65) | .788(19.75) |
| 14 | FFC12502-14DBA226W5L | .638(16.25) | .744(18.90) | .828(21.00) |
| 15 | FFC12502-15DBA226W5L | .689(17.50) | .793(20.15) | .876(22.25) |
| 16 | FFC12502-16DBA226W5L | .738(18.75) | .843(21.40) | .925(23.50) |
| 17 | FFC12502-17DBA226W5L | .787(20.00) | .892(22.65) | .942(24.75) |
| 19 | FFC12502-19DBA226W5L | .886(22.50) | .990(25.15) | 1.073(27.25) |
| 20 | FFC12502-20DBA226W5L | .935(23.75) | 1.039(26.40) | 1.122(28.50) |
| 21 | FFC12502-21DBA226W5L | .984(25.00) | 1.089(27.65) | 1.171(29.75) |

| | | | | | | | | |
|---|--|----------------|----------------------|-------------------|--|---|---|-------|
|  THIRD ANGLE PROJECTION | GENERAL TOLERANCES (UNLESS SPECIFIED) | | APPROVE BY FRANK | DATE 18/JUN/13 | PART NO. FFC12502-XXDBA226W5L | ITEM NO. FFC12502 |  Leader Of Industry | |
| | X.±.012(0.30) | X.±5' | CHECKED BY CHERRY | DATE 18/JUN/13 | TITLE FFC/FFC Connector 1.25mm Positive Needle DIP | | | REV 1 |
| | DESIGN UNITS Inch (metric) | X.X±.008(0.20) | .X'±2' | DRAWN BY KEVIN | DATE 18/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 | | |
| | SCALE 5:1 | SIZE A4 | X.XX±.006(0.15) | .XX'±1' | X.XXX±.004(0.10) | .XXX'±0.5' | | |

1 2 3 4 5 6 7 8

| REV | LOCATIONS | DESCRIPTION | DATE | REVISOR | APPD |
|-----|-----------|-----------------|-----------|---------|-------|
| 1 | △ | Material change | 01/DEC/17 | KATE | FRANK |



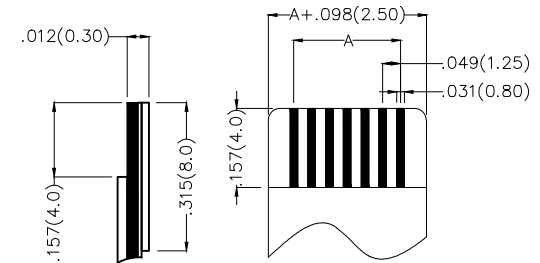
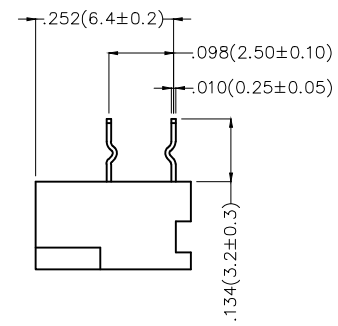
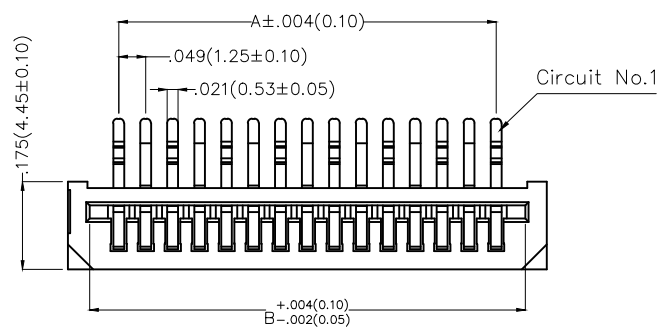
SPECIFICATIONS

Electrical

Current Rating: 0.5A AC(rms)/DC
Voltage Rating: 50V AC(rms)/DC
Contact Resistance: 20 mΩ Max
Insulation Resistance: 800 MΩ MIN
Withstanding Voltage: 500V AC r.m.s
Operating Temperature: -25°C~+85°C

Material

Housing: PA46 (UL 94V-0)
Contact: Phosphor bronze/ Tin plated

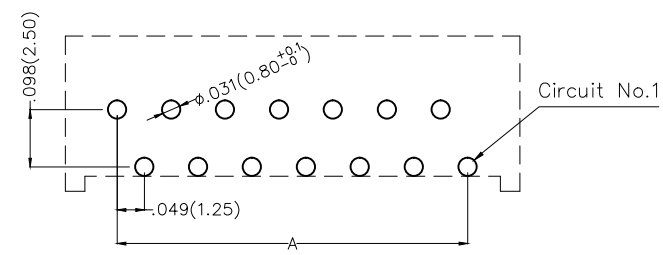


Applicable FFC
Recommended Dimension

Ordering Information

| | | | | | | | | | | | | |
|-----|-----|----|---|----|---|---|---|---|----|----|----|---|
| FFC | 125 | 02 | — | XX | D | B | B | 2 | 2 | 6 | W5 | L |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |

| | | | | | |
|--------------------------------------|-------------------------------------|---------------------------|-------------------------------|------------------------------|------------------------------|
| 1 Category FFC-FPC | 2 Series Number 125-Pitch 1.25mm | 3 Distinction No. 02 | 4 Circuits XX | 5 Assemble Layout D-DIP | 6 Entry Angle B-90° Angle |
| 7 Contact Position B-Versa Needle | 8 ZIF 2-NOT ZIF | 9 Plating 2-Tin Plated | 10 Material-Resin 6-PA46 △ | 11 Color-Resin W5-Natural | 12 Packaging L-Tube |



Versa Needle
Recommended P.C.Board Layout

| | | | | | | | | |
|-------------------------------|---------------------------------------|------------------|----------------------|-------------------|--|----------------------|------------------------|---------------|
| THIRD ANGLE PROJECTION | GENERAL TOLERANCES (UNLESS SPECIFIED) | | APPROVE BY FRANK | DATE 18/JUN/13 | PART NO. FFC12502-XXDBB226W5L | ITEM NO. FFC12502 | Leader Of Industry | |
| | X.±.012(0.30) | X.±5' | CHECKED BY CHERRY | DATE 18/JUN/13 | TITLE FPC/FFC Connector 1.25mm Versa Needle DIP | | | |
| DESIGN UNITS Inch (metric) | X.X±.008(0.20) | X.±2' | DRAWN BY KATE | DATE 18/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 1 | SHEET NO. 3/4 |
| SCALE 5:1 | SIZE A4 | X.XX±.006(0.15) | | | | | | |
| | | X.XXX±.004(0.10) | | | | | | |

1 2 3 4 5 6 7 8

| REV | LOCATIONS | DESCRIPTION | DATE | REVISER | APPD |
|-----|-----------|-------------|------|---------|------|
| | | | | | |

A

B

C

D

E

F

A

B



C

D

E

F

| Circuits (n) | Part No. | Dimensions(in/mm) | | |
|-----------------|----------------------|-------------------|--------------|--------------|
| | | A | B | C |
| 5 | FFC12502-05DBB226W5L | .197(5.00) | .301(7.65) | .384(9.75) |
| 6 | FFC12502-06DBB226W5L | .246(6.25) | .350(8.90) | .433(11.00) |
| 7 | FFC12502-07DBB226W5L | .295(7.50) | .400(10.15) | .482(12.25) |
| 8 | FFC12502-08DBB226W5L | .344(8.75) | .449(11.40) | .531(13.50) |
| 9 | FFC12502-09DBB226W5L | .394(10.00) | .498(12.65) | .581(14.75) |
| 10 | FFC12502-10DBB226W5L | .443(11.25) | .547(13.90) | .630(16.00) |
| 11 | FFC12502-11DBB226W5L | .492(12.50) | .596(15.15) | .679(17.25) |
| 12 | FFC12502-12DBB226W5L | .541(13.75) | .646(16.40) | .728(18.50) |
| 13 | FFC12502-13DBB226W5L | .591(15.00) | .695(17.65) | .788(19.75) |
| 14 | FFC12502-14DBB226W5L | .638(16.25) | .744(18.90) | .828(21.00) |
| 15 | FFC12502-15DBB226W5L | .689(17.50) | .793(20.15) | .876(22.25) |
| 16 | FFC12502-16DBB226W5L | .738(18.75) | .843(21.40) | .925(23.50) |
| 17 | FFC12502-17DBB226W5L | .787(20.00) | .892(22.65) | .942(24.75) |
| 19 | FFC12502-19DBB226W5L | .886(22.50) | .990(25.15) | 1.073(27.25) |
| 20 | FFC12502-20DBB226W5L | .935(23.75) | 1.039(26.40) | 1.122(28.50) |
| 21 | FFC12502-21DBB226W5L | .984(25.00) | 1.089(27.65) | 1.171(29.75) |

| | | | | | | | | |
|---|---|--|--|----------------------|----------------------------------|---|---|--|
|  THIRD ANGLE PROJECTION | GENERAL TOLERANCES (UNLESS SPECIFIED) | | APPROVE BY FRANK | DATE 18/JUN/13 | PART NO. FFC12502-XXDBB226W5L | ITEM NO. FFC12502 |  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 CHERRY | DATE 18/JUN/13 | TITLE FPC/FFC Connector 1.25mm Versa Needle DIP | | |
| | SCALE 5:1 | SIZE A4 | DRAWN BY KATE | DATE 18/JUN/13 | REV 1 | SHEET NO. 4/4 | | |
| | 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

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[686116183522](#) [686114183522](#) [502078-5362](#)