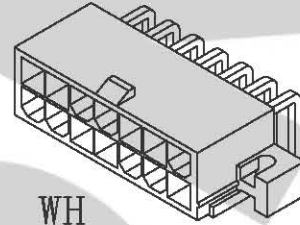
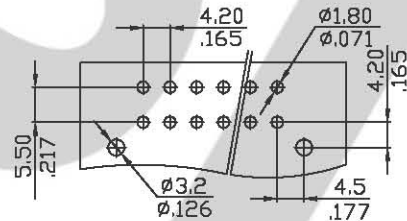
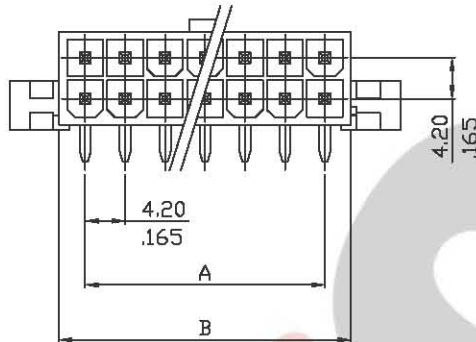


Wafer (Right angle type)

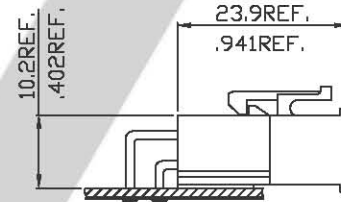
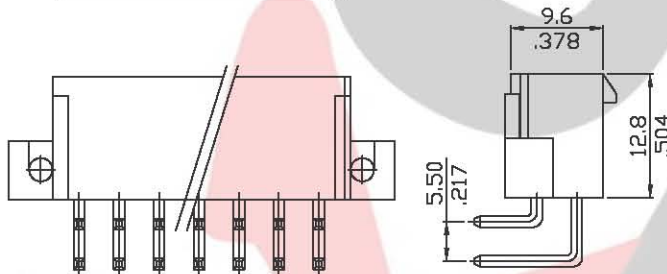
1. Part No.: 4201xxWH051,4201xxWH001
2. Part Name: 4201 Wafer
3. Material: Nylon 66 UL 94V0/V2
Pin: Brass bronze, Tin plated
4. Color: Natural



WH



RECOMMENDED PCB LAYOUT
(PCB T=1.0~1.6mm)
(PCB T=.039~.063in)



Mating Dimensions

Ordering Information and Dimensions:

| Part No. | | Circuits | Dim A | Dim B |
|-------------|-------------|----------|------------|-------------|
| Nylon 66 V0 | Nylon 66 V2 | | | |
| 420102WH001 | 420102WH051 | 2 | -- -- | 5.4(.213) |
| 420104WH001 | 420104WH051 | 4 | 4.2(.165) | 9.6(.378) |
| 420106WH001 | 420106WH051 | 6 | 8.4(.331) | 13.8(.543) |
| 420108WH001 | 420108WH051 | 8 | 12.6(.496) | 18.0(.709) |
| 420110WH001 | 420110WH051 | 10 | 16.8(.661) | 22.2(.874) |
| 420112WH001 | 420112WH051 | 12 | 21.0(.827) | 26.4(1.039) |

| Part No. | | Circuits | Dim A | Dim B |
|-------------|-------------|----------|-------------|-------------|
| Nylon 66 V0 | Nylon 66 V2 | | | |
| 420114WH001 | 420114WH051 | 14 | 25.2(.992) | 30.8(1.205) |
| 420116WH001 | 420116WH051 | 16 | 29.4(1.157) | 34.8(1.370) |
| 420118WH001 | 420118WH051 | 18 | 33.6(1.323) | 39.0(1.535) |
| 420120WH001 | 420120WH051 | 20 | 37.8(1.488) | 43.2(1.701) |
| 420122WH001 | 420122WH051 | 22 | 42.0(1.654) | 47.4(1.866) |
| 420124WH001 | 420124WH051 | 24 | 46.2(1.819) | 51.6(2.031) |

Part Code Information:

4201-WW XX YYY

① ② ③ ④

③ Product Type

WH=Wafer,Right angle ,With mountig flanges

④ Material/Finishing/Color

051=NY 66 94V-2,Natural Color
001=NY 66 94V-0,Natural Color

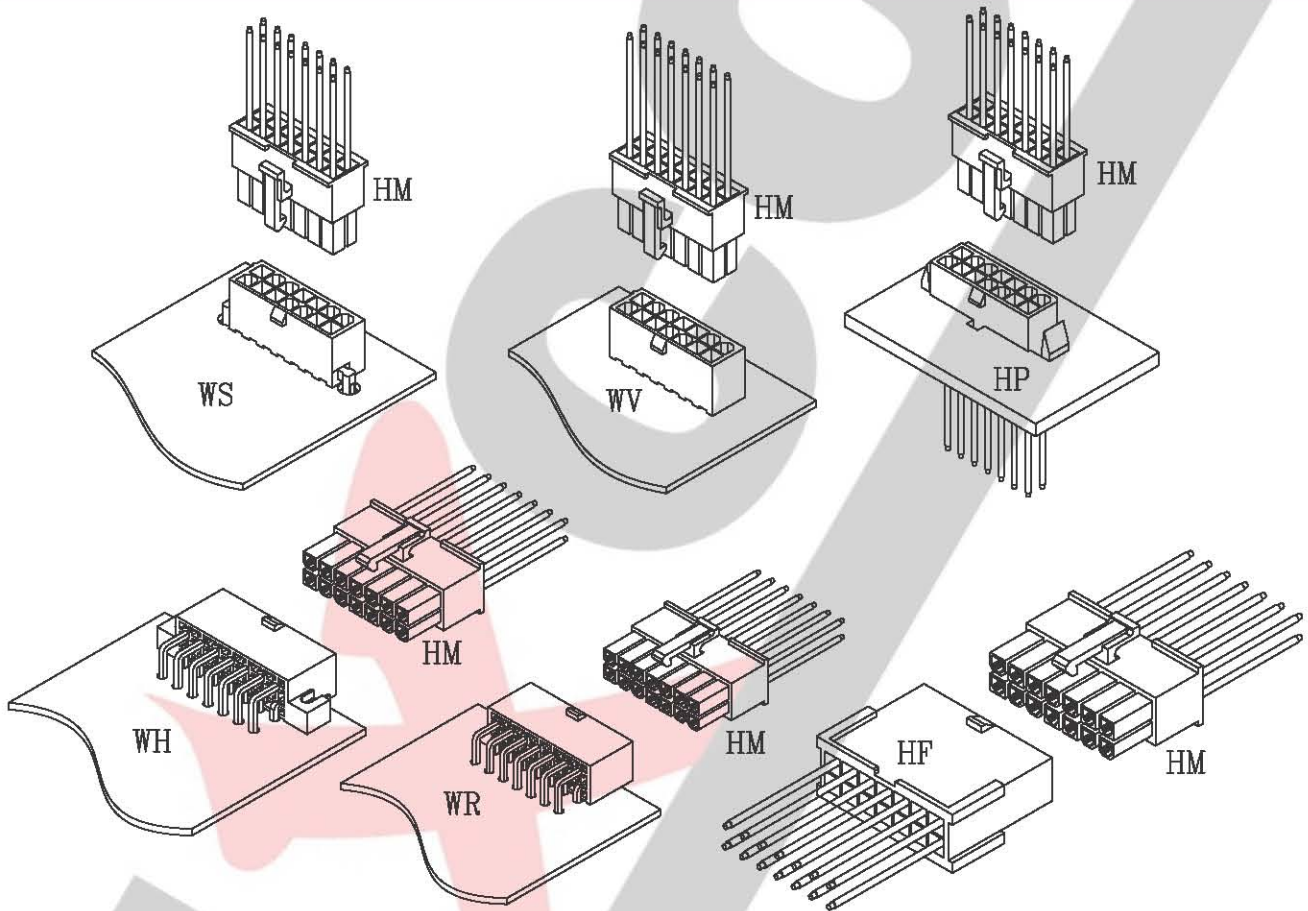
① Series Name

② Circuits Number
02 ~24

■ Specifications

1. Current rating: 5A AC/DC
2. Voltage rating: 600V AC/DC
3. Withstand voltage: 1500V AC/minute
4. Insulation resistance: 1000M Ω min
5. Contact resistance: 10m Ω max
6. Temperature range: -40°C to +105°C
7. Applicable PC board thickness: 1.0~1.6mm(.039" to .063")
8. Applicable wires: AWG#26-#16
Insulation O.D.: 1.1-2.8mm
9. Circuits: 2~24 circuits available

(including temperature rise)



Part Code Information:

4201-WW XX YY

① ② ③ ④

① Series Name

② Circuits Number
02~24
00 For Terminal

③ Product Type

HM=Housing, Male

HF=Female housing, Free hanging

HP=Female housing, Panel mount type

WV=Wafer, Vertical, Without mounting pegs

WS=Wafer, Vertical, With mounting pegs

WR=Wafer, Right angle, Without plug

WF=Wafer, Right angle, With mounting pegs

WH=Wafer, Right angle, With mounting flanges

TA=Terminal, A Type

TB=Terminal, B Type

TS=Terminal, S Type

TY=Terminal, Y Type

④ Material/Finishing/Color

051=Brass, Tin Pre-Plated

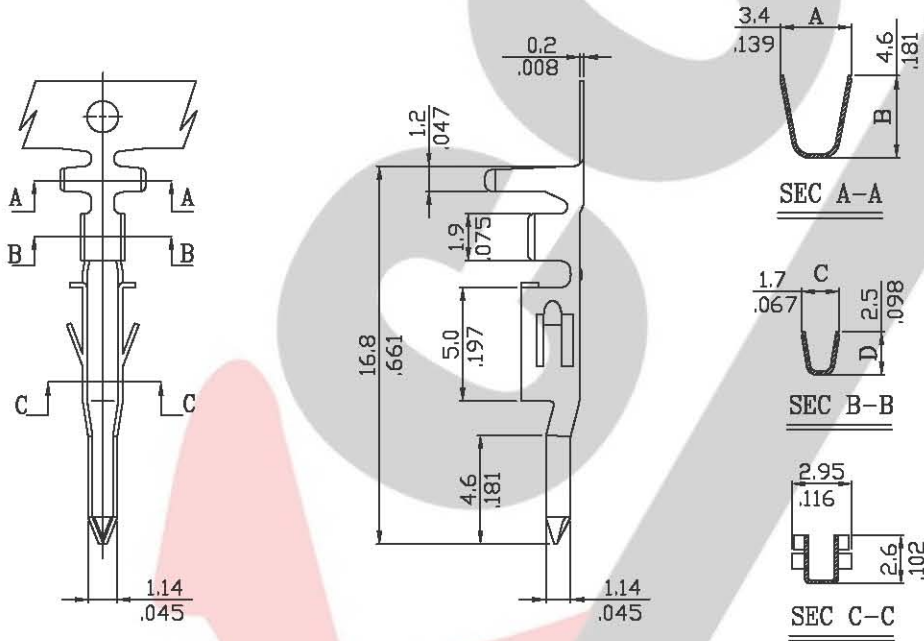
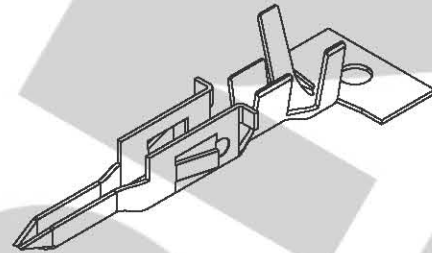
351=Phosphor Bronze, Tin Pre-Plated

001=NY 66 94V-0, Natural Color

051=NY 66 94V-2, Natural Color

Crimp Terminal

1. Part No.: 420100TA051,420100TA351
2. Part Name: 4201 Terminal
3. Material: Phosphor Bronze or Brass
4. Finishing: Tin pre-plated
5. Use for 4201xxHF , 4201xxHP



Ordering Information:

| No. | Part No. | DIM (mm) | | | | Wire Range | Insulation O.D. | Material | Q'ty/reel |
|-----|-------------|----------|-----|-----|-----|------------|-----------------|-----------------|-----------|
| | | A | B | C | D | | | | |
| 1 | 420100TA351 | 3.4 | 4.6 | 1.7 | 2.5 | AWG#24~#18 | 1.1-2.1mm | Phosphor Bronze | 4,000pcs |
| 2 | 420100TX351 | 3.4 | 4.6 | 2.3 | 2.7 | AWG#20~#16 | 1.7-2.8mm | | 6,000pcs |
| 3 | 420100TW351 | 3.0 | 3.5 | 1.6 | 2.2 | AWG#22~#28 | 0.9-1.8mm | | |
| 4 | 420100TA051 | 3.4 | 4.6 | 1.7 | 2.5 | AWG#24~#18 | 1.1-2.1mm | Brass | 4,000pcs |
| 5 | 420100TX051 | 3.4 | 4.6 | 2.3 | 2.7 | AWG#20~#16 | 1.7-2.8mm | | 6,000pcs |
| 6 | 420100TW051 | 3.0 | 3.5 | 1.6 | 2.2 | AWG#22~#28 | 0.9-1.8mm | | |

Part Code Information:

4201-WW XX YY

① ② ③ ④

① Series Name

② Circuits Number

00 For Terminal

③ Product Type

TA=Terminal,A Type

TX=Terminal,X Type

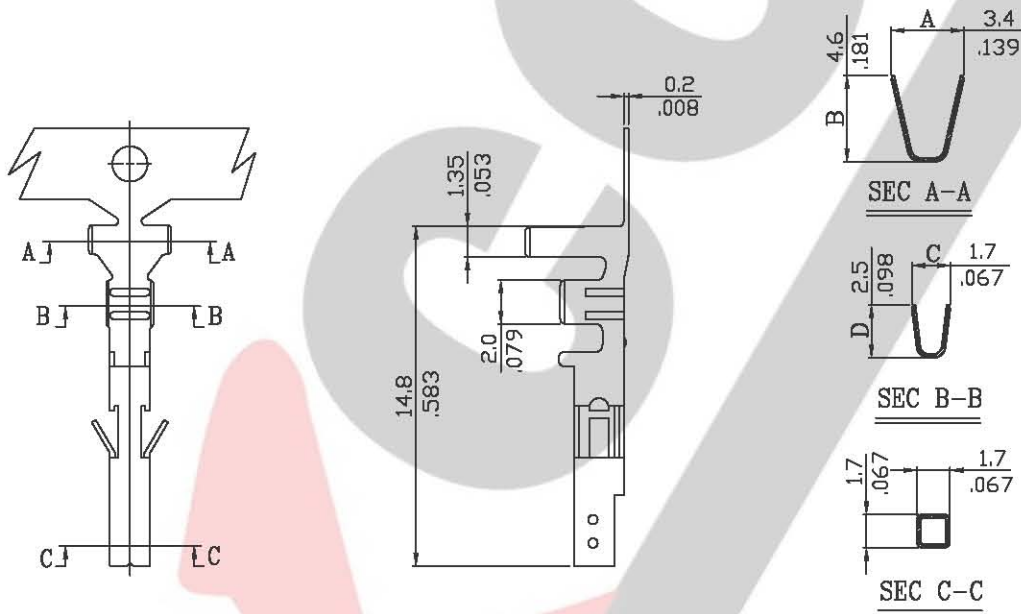
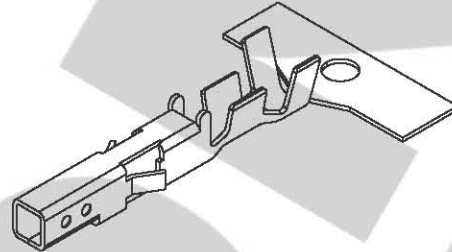
④ Material/Finishing/Color

051=Brass ,Tin Pre-Plated

351=Phosphor Bronze, Tin Pre-Plated

Crimp Terminal

1. Part No.: 420100TB051,420100TB351
2. Part Name: 4201 Terminal
3. Material: Phosphor Bronze or Brass
4. Finishing: Tin pre-plated
5. Use for 4201xxHM



Ordering Information:

| No. | Part No. | DIM (mm) | | | | Wire Range | Insulation O.D. | Material | Q'ty/reel |
|-----|-------------|----------|-----|-----|-----|------------|-----------------|-----------------|-----------|
| | | A | B | C | D | | | | |
| 1 | 420100TB351 | 3.4 | 4.6 | 1.7 | 2.5 | AWG#24~#18 | 1.1-2.1mm | Phosphor Bronze | 4,000pcs |
| 2 | 420100TY351 | 3.4 | 4.6 | 2.3 | 2.7 | AWG#20~#16 | 1.7-2.8mm | | 6,000pcs |
| 3 | 420100TS351 | 3.0 | 3.5 | 1.6 | 2.2 | AWG#22~#28 | 0.9-1.8mm | | |
| 4 | 420100TB051 | 3.4 | 4.6 | 1.7 | 2.5 | AWG#24~#18 | 1.1-2.1mm | Brass | 4,000pcs |
| 5 | 420100TY051 | 3.4 | 4.6 | 2.3 | 2.7 | AWG#20~#16 | 1.7-2.8mm | | 6,000pcs |
| 6 | 420100TS051 | 3.0 | 3.5 | 1.6 | 2.2 | AWG#22~#28 | 0.9-1.8mm | | |

Part Code Information:

4201-WW XX YY

① ② ③ ④

① Series Name

② Circuits Number

00 For Terminal

③ Product Type

TB=Terminal,B Type

TY=Terminal,Y Type

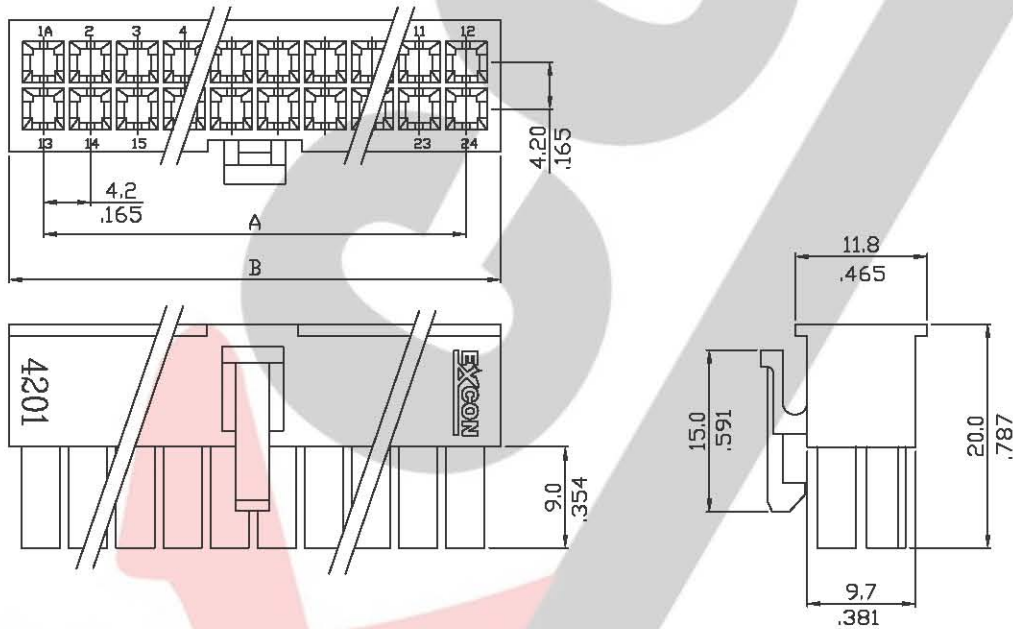
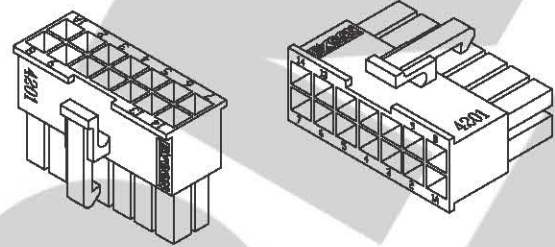
④ Material/Finishing/Color

051=Brass ,Tin Pre-Plated

351=Phosphor Bronze, Tin Pre-Plated

Housing (Male)

1. Part No.: 4201xxHM051,4201xxHM001
2. Part Name: 4201 Housing
3. Material: Nylon 66 UL 94V0/V2
4. Color: Natural



Ordering Information and Dimensions:

| Part No. | | Circuits | Dim A | Dim B | Part No. | | Circuits | Dim A | Dim B |
|-------------|-------------|----------|------------|-------------|-------------|-------------|----------|-------------|-------------|
| Nylon 66 V0 | Nylon 66 V2 | | | | Nylon 66 V0 | Nylon 66 V2 | | | |
| 420102HM001 | 420102HM051 | 2 | --- | 5.5(.217) | 420114HM001 | 420114HM051 | 14 | 25.2(.992) | 30.7(1.209) |
| 420104HM001 | 420104HM051 | 4 | 4.2(.165) | 9.7(.382) | 420116HM001 | 420116HM051 | 16 | 29.4(1.157) | 34.9(1.374) |
| 420106HM001 | 420106HM051 | 6 | 8.4(.331) | 13.9(.547) | 420118HM001 | 420118HM051 | 18 | 33.6(1.323) | 39.1(1.539) |
| 420108HM001 | 420108HM051 | 8 | 12.8(.496) | 18.1(.713) | 420120HM001 | 420120HM051 | 20 | 37.8(1.488) | 43.3(1.705) |
| 420110HM001 | 420110HM051 | 10 | 16.8(.661) | 22.3(.878) | 420122HM001 | 420122HM051 | 22 | 42.0(1.654) | 47.5(1.870) |
| 420112HM001 | 420112HM051 | 12 | 21.0(.827) | 26.5(1.043) | 420124HM001 | 420124HM051 | 24 | 46.2(1.819) | 51.7(2.035) |

Part Code Information:

4201-WW XX YYY

① ② ③ ④

① Series Name

② Circuits Number

02 ~24

③ Product Type

HM=Housing, Male

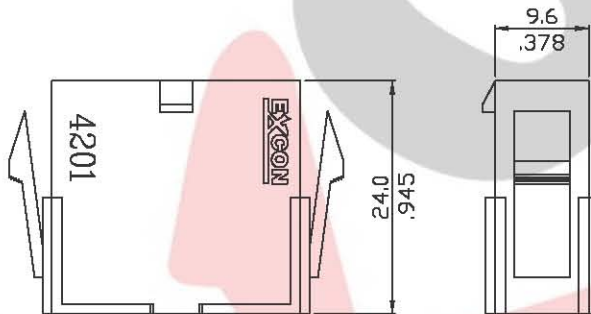
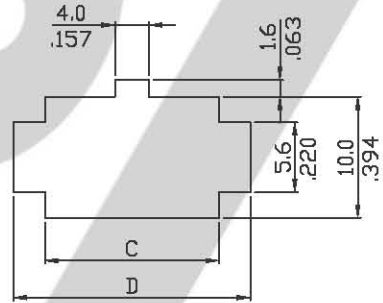
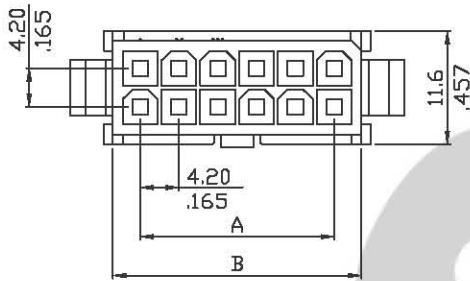
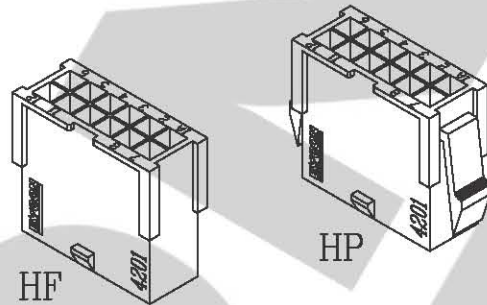
④ Material/Finishing/Color

051=NY 66 94V-2, Natural Color

001=NY 66 94V-0, Natural Color

Housing (Female)

- Part No.: 4201xxHP051 ,4201xxHF051
4201xxHP001 ,4201xxHF001
- Part Name: 4201 Housing
- Material: Nylon 66 UL 94V0/V2
- Color: Natural



Panel Layout

| Circuits | Dim C | Dim D | Circuits | Dim C | Dim D |
|----------|-------------|-------------|----------|-------------|-------------|
| 2 | 5.8(.228) | 10.8(.425) | 14 | 31.1(1.224) | 36.0(1.417) |
| 4 | 10.0(.394) | 15.0(.591) | 16 | 36.3(1.390) | 40.2(1.583) |
| 6 | 14.2(.559) | 19.2(.756) | 18 | 39.5(1.555) | 44.4(1.748) |
| 8 | 18.4(.724) | 23.4(.921) | 20 | 43.7(1.720) | 48.6(1.913) |
| 10 | 22.6(.890) | 27.6(1.087) | 22 | 47.9(1.886) | 52.8(2.079) |
| 12 | 26.8(1.055) | 31.8(1.252) | 24 | 52.1(2.051) | 57.0(2.244) |

Ordering Information and Dimensions:

| Part No. | | Circuits | Dim A | Dim B |
|-------------|--------------|----------|------------|-------------|
| Panel mount | Free hanging | | | |
| 420102HP051 | 420102HF051 | 2 | -- -- | 5.4(.213) |
| 420104HP051 | 420104HF051 | 4 | 4.2(.165) | 9.6(.378) |
| 420106HP051 | 420106HF051 | 6 | 8.4(.331) | 13.8(.543) |
| 420108HP051 | 420108HF051 | 8 | 12.6(.496) | 18.0(.709) |
| 420110HP051 | 420110HF051 | 10 | 16.8(.661) | 22.2(.874) |
| 420112HP051 | 420112HF051 | 12 | 21.0(.827) | 26.4(1.039) |

| Part No. | | Circuits | Dim A | Dim B |
|-------------|--------------|----------|-------------|-------------|
| Panel mount | Free hanging | | | |
| 420114HP051 | 420114HF051 | 14 | 25.2(.992) | 30.6(1.205) |
| 420116HP051 | 420116HF051 | 16 | 29.4(1.157) | 34.8(1.370) |
| 420118HP051 | 420118HF051 | 18 | 33.6(1.323) | 39.0(1.535) |
| 420120HP051 | 420120HF051 | 20 | 37.8(1.488) | 43.2(1.701) |
| 420122HP051 | 420122HF051 | 22 | 42.0(1.654) | 47.4(1.866) |
| 420124HP051 | 420124HF051 | 24 | 46.2(1.819) | 51.6(2.031) |

Part Code Information:

4201-WW XX YYY

① ② ③ ④

- ① Series Name
- ② Circuits Number

02 ~24

③ Product Type

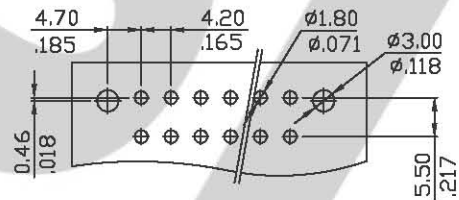
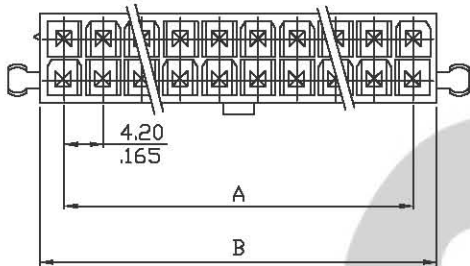
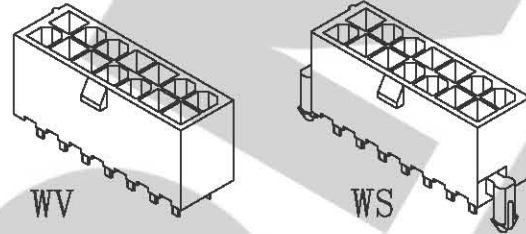
HF=Female housing,Free hanging
HP=Female housing,Panel mount type

④ Material/Finishing/Color

051=NY 66 94V-2,Natural Color
001=NY 66 94V-0,Natural Color

Wafer (Vertical type)

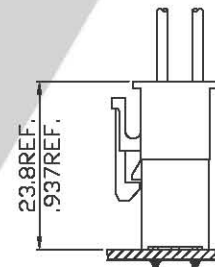
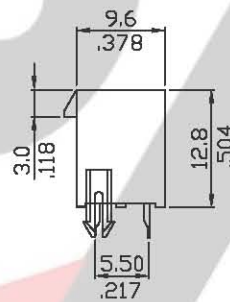
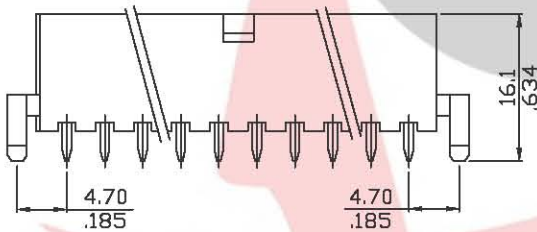
1. Part No.: 4201xxWV051 ,4201xxWS051
2. Part Name: 4201 Wafer
3. Material: Nylon 66 UL 94V0/V2
Pin: Brass bronze, Tin plated
4. Color: Natural



RECOMMENDED PCB LAYOUT

(PCB T=1.0~1.6mm)

(PCB T=.039~.063in)



Mating Dimensions

Ordering Information and Dimensions:

| Part No. | | Circuits | Dim A | Dim B | Part No. | | Circuits | Dim A | Dim B |
|-------------------|----------------------|----------|------------|-------------|-------------------|----------------------|----------|-------------|-------------|
| With polarisation | Without polarisation | | | | With polarisation | Without polarisation | | | |
| 420102WS051 | 420102WV051 | 2 | -- -- | 5.4(.213) | 420114WS051 | 420114WV051 | 14 | 25.2(.992) | 30.6(1.205) |
| 420104WS051 | 420104WV051 | 4 | 4.2(.165) | 9.6(.378) | 420116WS051 | 420116WV051 | 16 | 29.4(1.157) | 34.8(1.370) |
| 420106WS051 | 420106WV051 | 6 | 8.4(.331) | 13.8(.543) | 420118WS051 | 420118WV051 | 18 | 33.6(1.323) | 39.0(1.535) |
| 420108WS051 | 420108WV051 | 8 | 12.6(.496) | 18.0(.709) | 420120WS051 | 420120WV051 | 20 | 37.8(1.488) | 43.2(1.701) |
| 420110WS051 | 420110WV051 | 10 | 16.8(.661) | 22.2(.874) | 420122WS051 | 420122WV051 | 22 | 42.0(1.654) | 47.4(1.866) |
| 420112WS051 | 420112WV051 | 12 | 21.0(.827) | 26.4(1.039) | 420124WS051 | 420124WV051 | 24 | 46.2(1.819) | 51.6(2.031) |

Part Code Information:

4201-WW XX YYY

① ② ③ ④

① Series Name

② Circuits Number

02 ~24

③ Product Type

WV=Wafer,Vertical ,Without mounting pegs

WS=Wafer,Vertical ,With mounting pegs

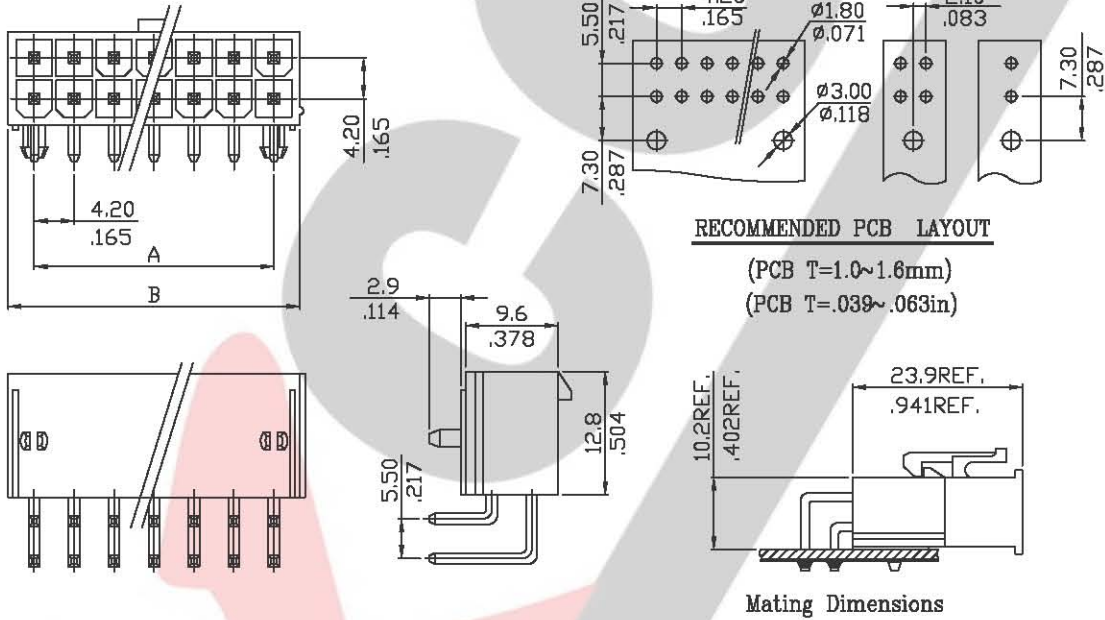
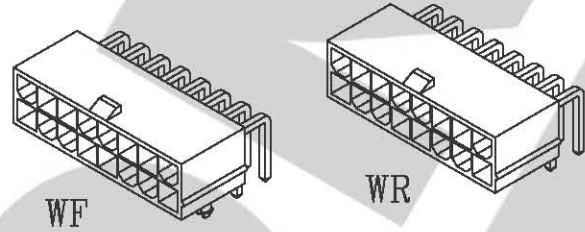
④ Material/Finishing/Color

051=NY 66 94V-2,Natural Color

001=NY 66 94V-0,Natural Color

Wafer (Right angle type)

1. Part No.: 4201xxWR051 ,4201xxWF051
2. Part Name: 4201 Wafer
3. Material: Nylon 66 UL 94V0/V2
Pin: Brass bronze, Tin plated
4. Color: Natural



Ordering Information and Dimensions:

| Part No. | | Circuits | Dim A | Dim B | Part No. | | Circuits | Dim A | Dim B |
|-------------|--------------|----------|------------|-------------|-------------|--------------|----------|-------------|-------------|
| With plug | Without plug | | | | With plug | Without plug | | | |
| 420102WF051 | 420102WR051 | 2 | -- -- | 5.4(.213) | 420114WF051 | 420114WR051 | 14 | 25.2(.992) | 30.6(1.205) |
| 420104WF051 | 420104WR051 | 4 | 4.2(.165) | 9.6(.378) | 420116WF051 | 420116WR051 | 16 | 29.4(1.157) | 34.8(1.370) |
| 420106WF051 | 420106WR051 | 6 | 8.4(.331) | 13.8(.543) | 420118WF051 | 420118WR051 | 18 | 33.6(1.323) | 39.0(1.535) |
| 420108WF051 | 420108WR051 | 8 | 12.6(.496) | 18.0(.709) | 420120WF051 | 420120WR051 | 20 | 37.8(1.488) | 43.2(1.701) |
| 420110WF051 | 420110WR051 | 10 | 16.8(.661) | 22.2(.874) | 420122WF051 | 420122WR051 | 22 | 42.0(1.654) | 47.4(1.866) |
| 420112WF051 | 420112WR051 | 12 | 21.0(.827) | 26.4(1.039) | 420124WF051 | 420124WR051 | 24 | 46.2(1.819) | 51.6(2.031) |

Part Code Information:

4201-WW XX YYY

① ② ③ ④

① Series Name

② Circuits Number
02 ~24

③ Product Type

WF=Wafer,Right angle ,With mounting pegs

WR=Wafer,Right angle ,Without flanges

④ Material/Finishing/Color

051=NY 66 94V-2,Natural Color

001=NY 66 94V-0,Natural Color