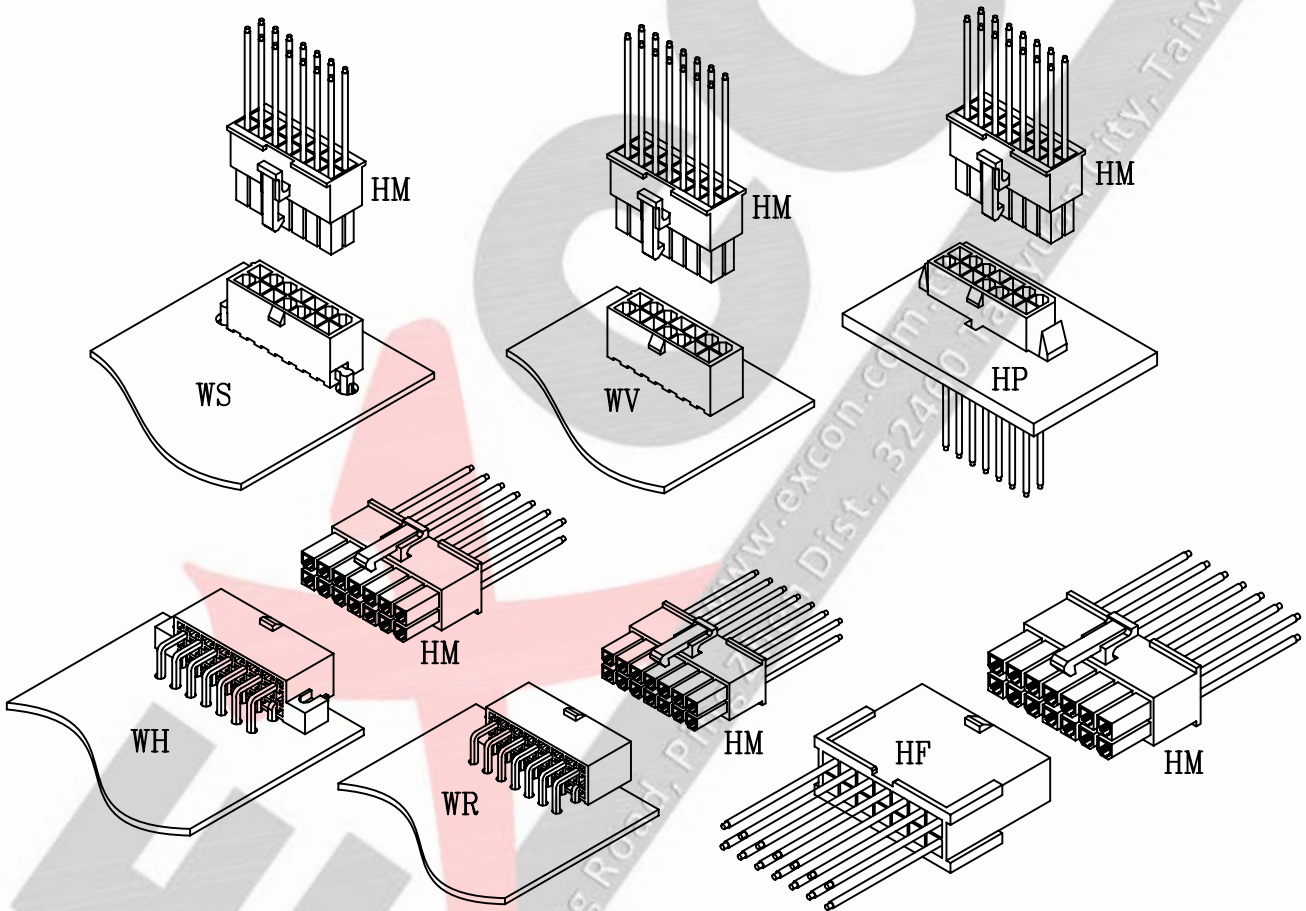


### ■ Specifications

1. Current rating: 5A AC/DC
2. Voltage rating: 600V AC/DC
3. Withstand voltage: 1500V AC/minute
4. Insulation resistance: 1000M  $\Omega$  min
5. Contact resistance: 10m  $\Omega$  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

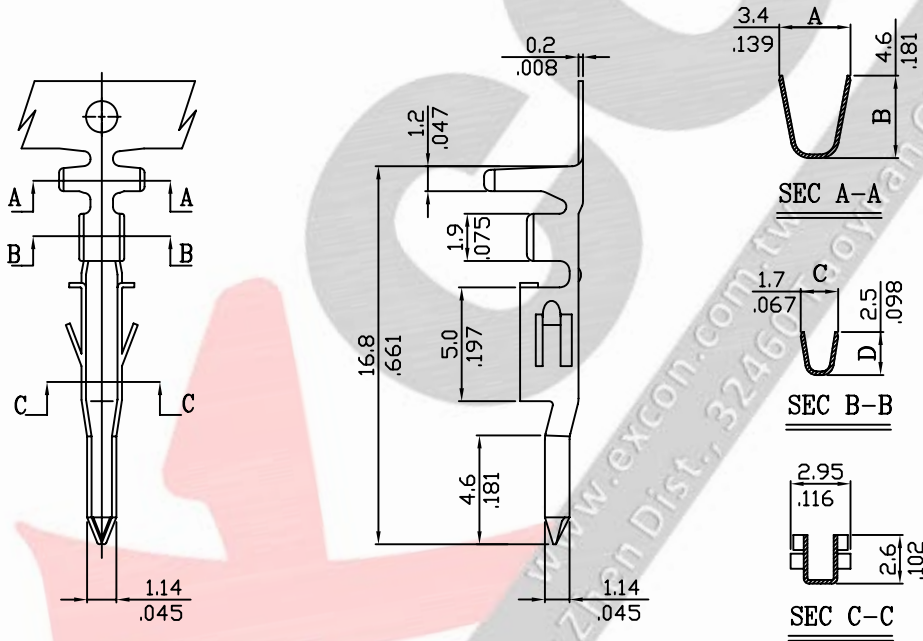
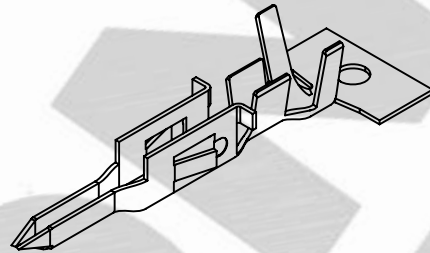
351=Phosphor Bronze, Tin Pre-Plated

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		
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	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

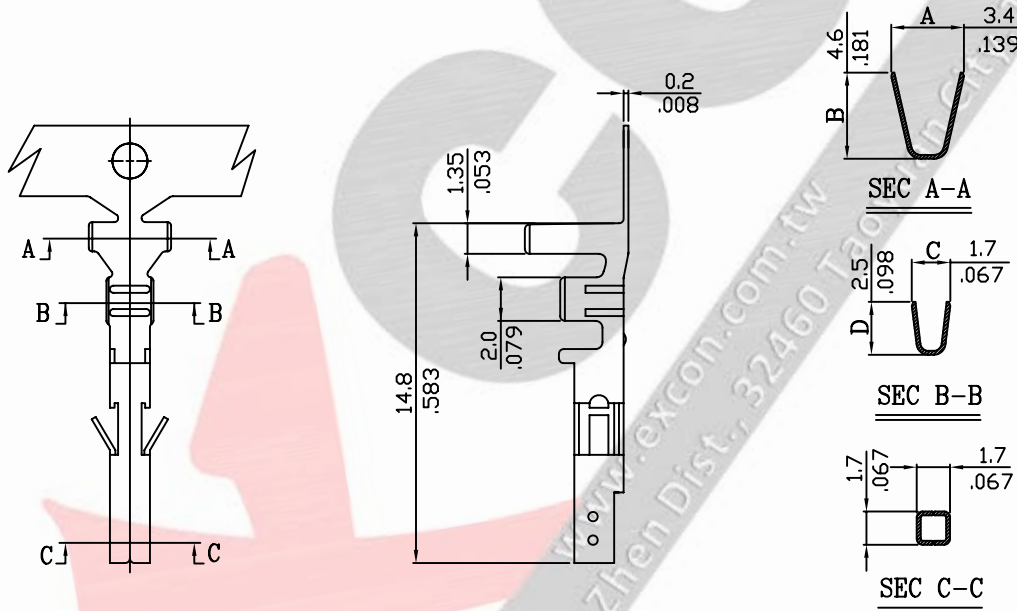
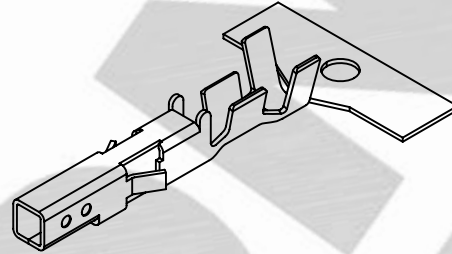
④ Material/Finishing/Color

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		
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	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

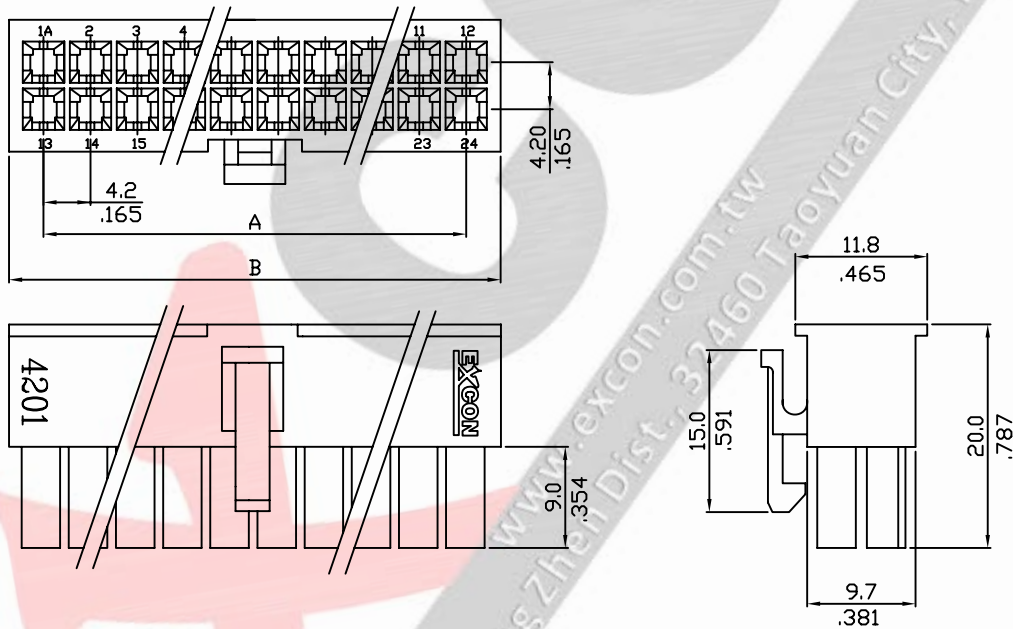
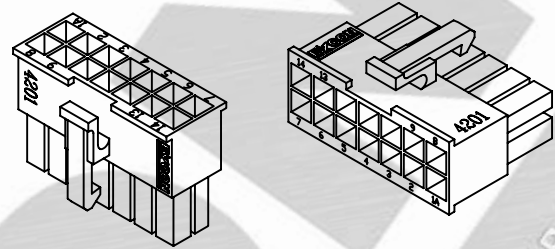
④ Material/Finishing/Color

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	12.6(.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 YY

① ② ③ ④

① Series Name

② Circuits Number

02 ~24

③ Product Type

HM=Housing,Male

④ Material/Finishing/Color

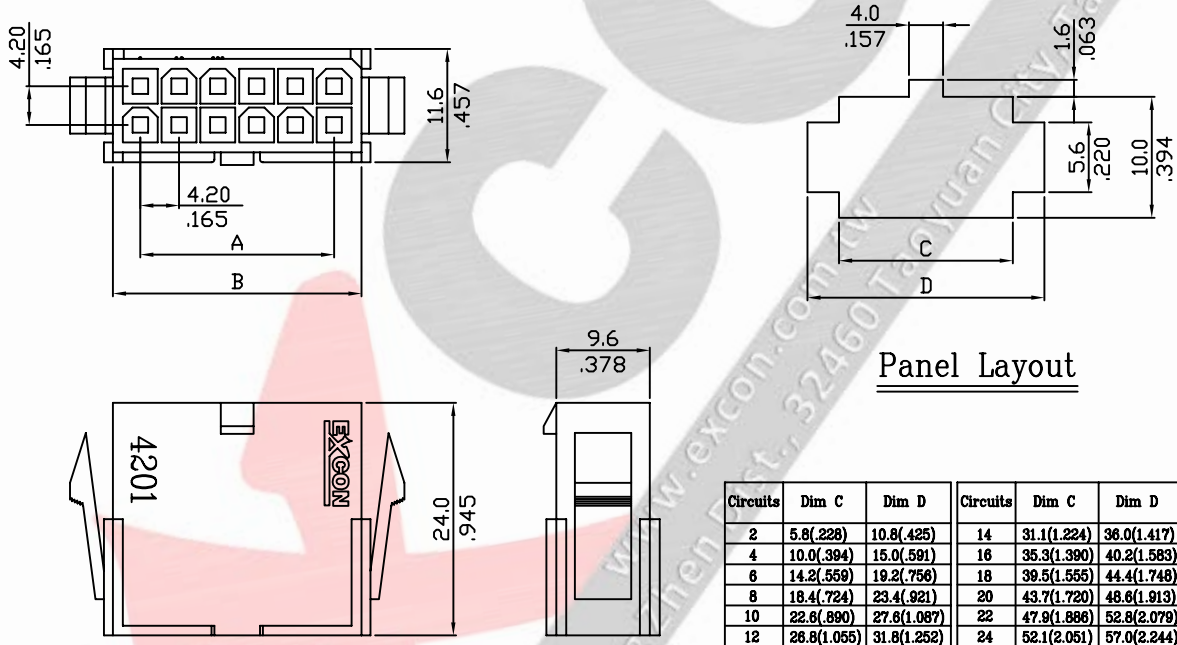
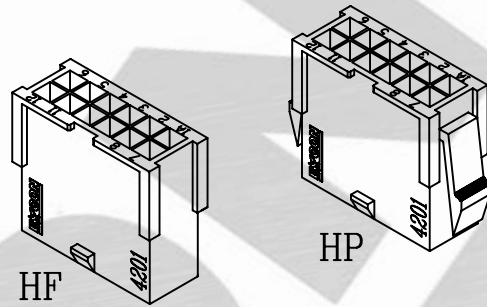
051=NY 66 94V-2,Natural Color

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



### Ordering Information and Dimensions:

Part No.		Circuits	Dim A	Dim B	Part No.		Circuits	Dim A	Dim B
Panel mount	Free hanging				Panel mount	Free hanging			
420102HP051	420102HF051	2	-- --	5.4(.213)	420114HP051	420114HF051	14	25.2(.992)	30.6(1.205)
420104HP051	420104HF051	4	4.2(.165)	9.6(.378)	420116HP051	420116HF051	16	29.4(1.157)	34.8(1.370)
420106HP051	420106HF051	6	8.4(.331)	13.8(.543)	420118HP051	420118HF051	18	33.6(1.323)	39.0(1.535)
420108HP051	420108HF051	8	12.6(.496)	18.0(.709)	420120HP051	420120HF051	20	37.8(1.488)	43.2(1.701)
420110HP051	420110HF051	10	16.8(.661)	22.2(.874)	420122HP051	420122HF051	22	42.0(1.654)	47.4(1.866)
420112HP051	420112HF051	12	21.0(.827)	26.4(1.039)	420124HP051	420124HF051	24	46.2(1.819)	51.6(2.031)

### Part Code Information:

4201-WW XX YY

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

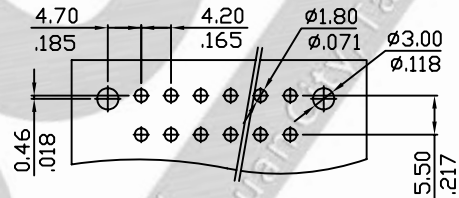
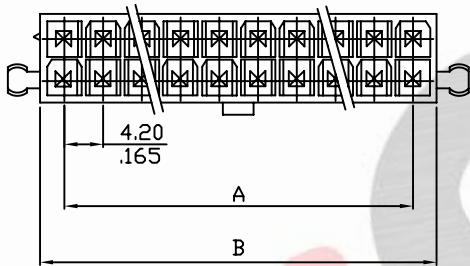
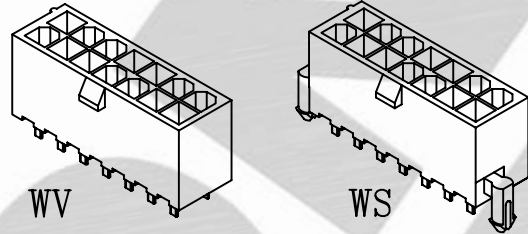
④ Material/Finishing/Color

051=NY 66 94V-2,Natural Color

001=NY 66 94V-0,Natural Color

### Wafer (Vertical type)

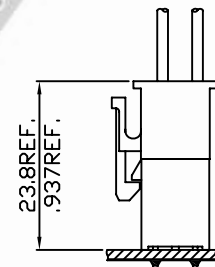
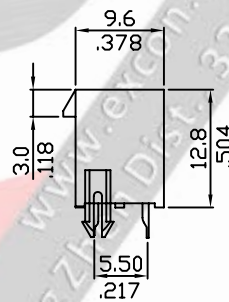
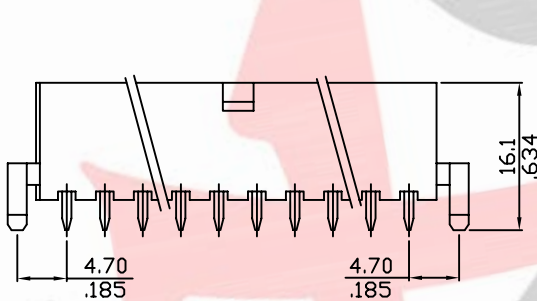
1. Part No.: 4201xxWV051 ,4201xxWS051
2. Part Name: 4201 Wafer
3. Material: Nylon 66 UL 94V0/V2  
Pin: Brass bronze, Tin plated
4. Color: Natural



#### 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

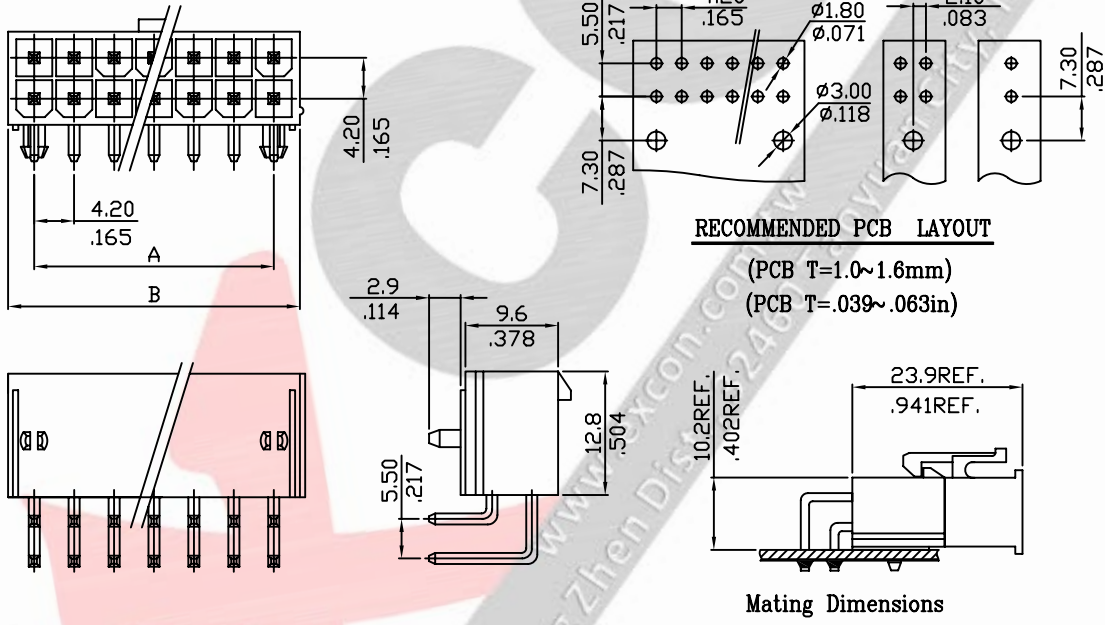
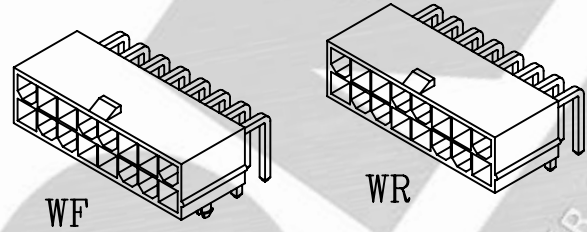
④ Material/Finishing/Color

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)	9.8(.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

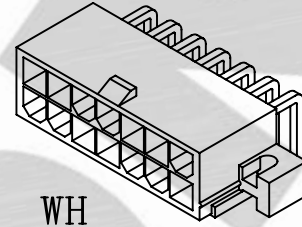
WF=Wafer,Right angle ,With mounting pegs  
WR=Wafer,Right angle ,Without flanges

④ Material/Finishing/Color

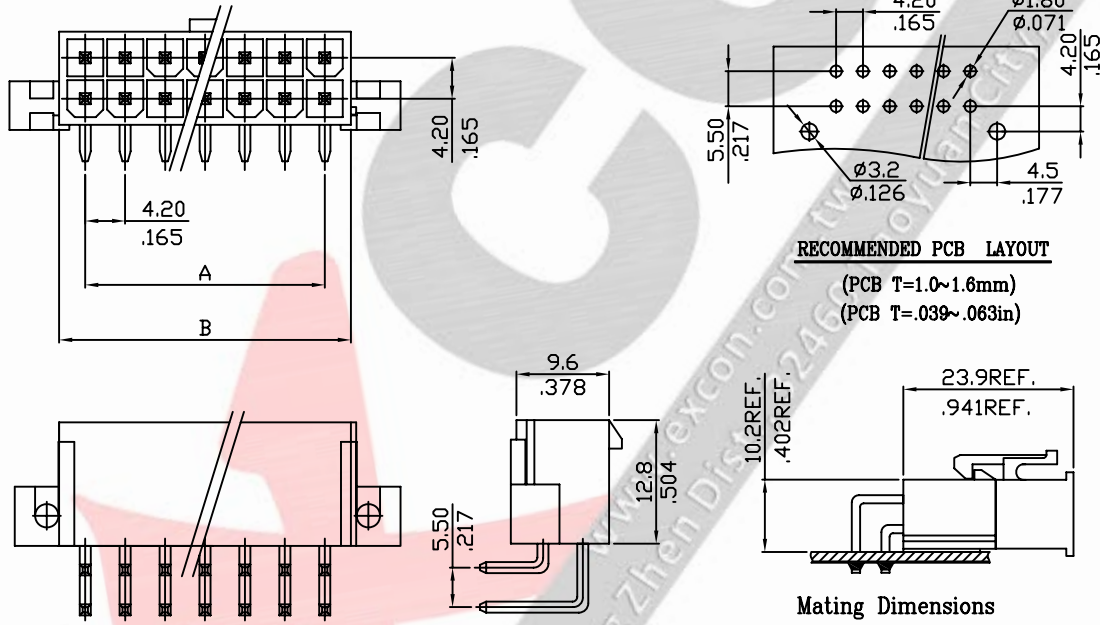
051=NY 66 94V-2,Natural Color  
001=NY 66 94V-0,Natural Color

### 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



### 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			
420102WH001	420102WH051	2	-- --	5.4(.213)	420114WH001	420114WH051	14	25.2(.992)	30.6(1.205)
420104WH001	420104WH051	4	4.2(.165)	9.6(.378)	420116WH001	420116WH051	16	29.4(1.157)	34.8(1.370)
420106WH001	420106WH051	6	8.4(.331)	13.8(.543)	420118WH001	420118WH051	18	33.6(1.323)	39.0(1.535)
420108WH001	420108WH051	8	12.6(.496)	18.0(.709)	420120WH001	420120WH051	20	37.8(1.488)	43.2(1.701)
420110WH001	420110WH051	10	16.8(.661)	22.2(.874)	420122WH001	420122WH051	22	42.0(1.654)	47.4(1.866)
420112WH001	420112WH051	12	21.0(.827)	26.4(1.039)	420124WH001	420124WH051	24	46.2(1.819)	51.6(2.031)

### Part Code Information:

4201-WW XX YY

① ② ③ ④

① Series Name

② Circuits Number  
02 ~24

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