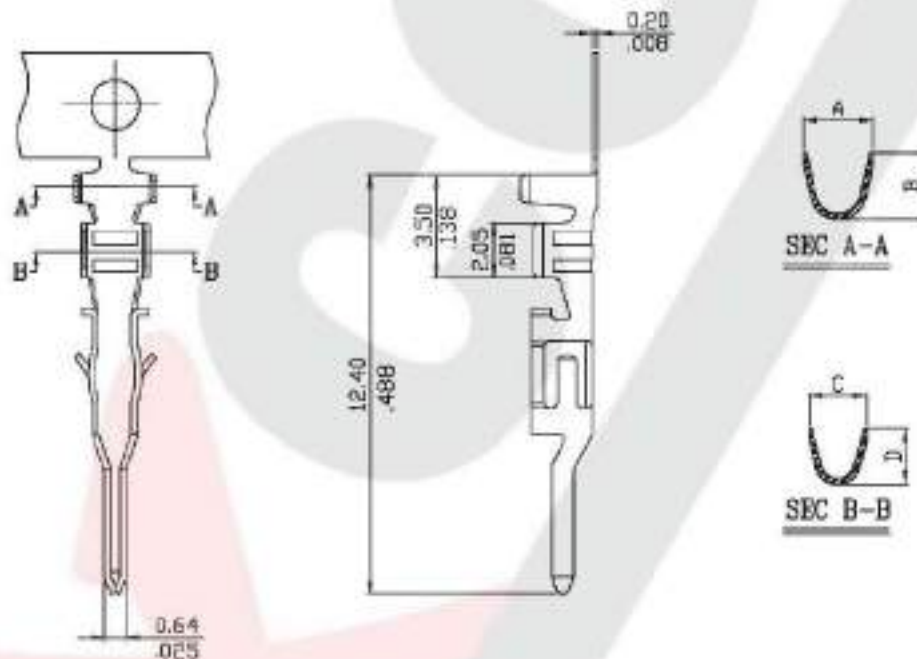


Crimp Terminal (Male)

1. Part No.: 300100TA351,300100TA051
2. Part Name: 3001 Terminal
3. Material: Phosphor,Brass bronze
4. Finishing: Tin pre-plated
5. Finishing: Use for 3001xxHF,3001xxHP



Ordering Information and Dimensions:

No.	Part No.	DIM (mm)				Wire Range	Insulation O.D.	Material
		A	B	C	D			
1	300100TA351	2.5	2.3	2.0	1.95	AWG#20~#24	1.2-1.7mm	phosphor
2	300100TP351	2.1	1.9	1.65	1.5	AWG#26~#30	0.8-1.3mm	Brass
3	300100TA051	2.5	2.3	2.0	1.95	AWG#20~#24	1.2-1.7mm	
4	300100TP051	2.1	1.9	1.65	1.5	AWG#26~#30	0.8-1.3mm	

Part Code Information:

3001-WW XX YY

① ② ③ ④

① Series Name

② Circuits Number

00 For Terminal

③ Product Type

TA-Terminal,A type

TP-Terminal,P type

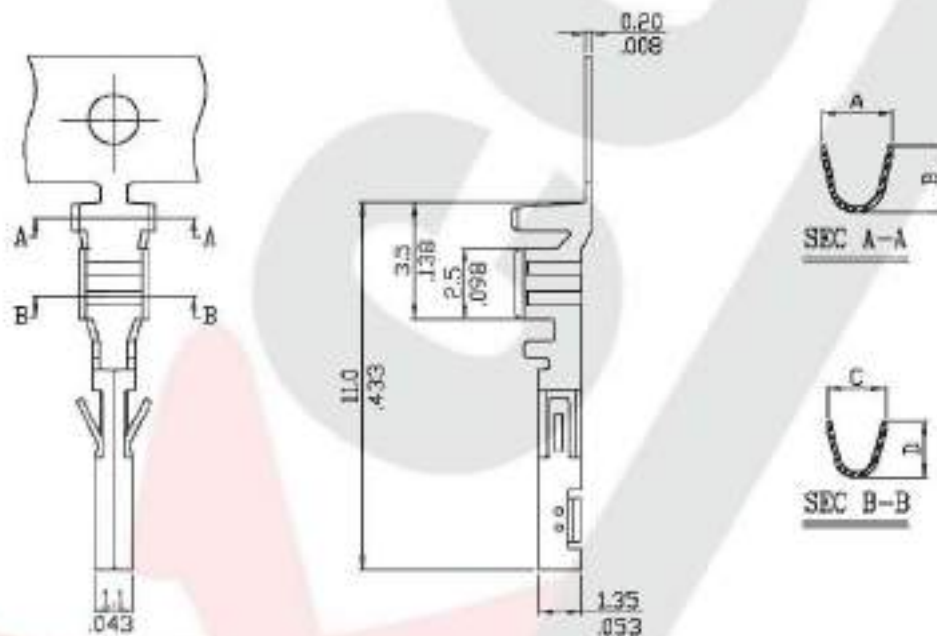
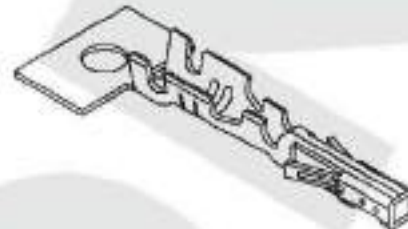
④ Material/Finishing/Color

051=Brass,Tin Pre-Plated

351=Phosphor,Tin Pre-Plated

Crimp Terminal (Female)

1. Part No.: 300100TB351,300100TB051
2. Part Name: 3001 Terminal
3. Material: Phosphor,Brass bronze
4. Finishing: Tin pre-plated
5. Use for 3001xxHM



Ordering Information and Dimensions:

No.	Part No.	DIM (mm)				Wire Range	Insulation O.D.	Material
		A	B	C	D			
1	300100TB351	2.5	2.3	2.0	1.95	AWG#20~#24	1.2-1.7mm	phosphor
2	300100TM351	2.1	1.9	1.65	1.5	AWG#26~#30	0.8-1.3mm	
3	300100TB051	2.5	2.3	2.0	1.95	AWG#20~#24	1.2-1.7mm	Brass
4	300100TM051	2.1	1.9	1.65	1.5	AWG#26~#30	0.8-1.3mm	

Part Code Information:

3001-WW XI YY

① ② ③ ④

① Series Name

② Circuits Number

00 For Terminal

③ Product Type

TB-Terminal,B type

TM-Terminal,M type

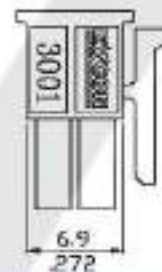
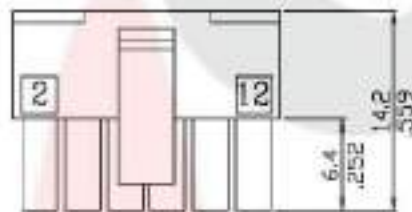
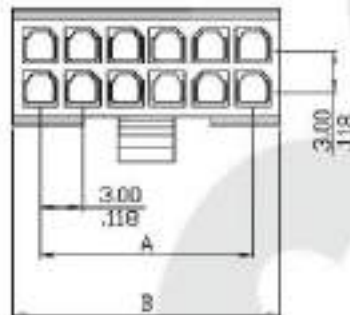
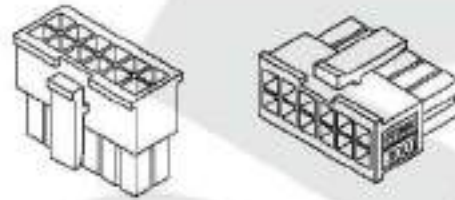
④ Material/Finishing/Color

051=Brass,Tin Pre-Plated

351=Phosphor,Tin Pre-Plated

Housing (Male)

1. Part No.: 3001xxHM003
2. Part Name: 3001 Housing
3. Material: Nylon 66 UL 94V0
4. Color: Black



Ordering Information and Dimensions:

Part No.	Circuits	Dim A	Dim B	Part No.	Circuits	Dim A	Dim B
300102HM003	2	---	3.85(.152)	300114HM003	14	18.0(.709)	21.85(.860)
300104HM003	4	3.0(.118)	6.85(.270)	300116HM003	16	21.0(.827)	24.85(.978)
300106HM003	6	6.0(.236)	9.85(.388)	300118HM003	18	24.0(.945)	27.85(1.096)
300108HM003	8	9.0(.354)	12.85(.506)	300120HM003	20	27.0(1.063)	30.85(1.215)
300110HM003	10	12.0(.472)	15.85(.624)	300122HM003	22	30.0(1.181)	33.85(1.333)
300112HM003	12	15.0(.591)	18.85(.742)	300124HM003	24	33.0(1.299)	36.85(1.451)

Part Code Information:

3001-WW XX YYY

① ② ③ ④

- ① Series Name
- ② Circuits Number

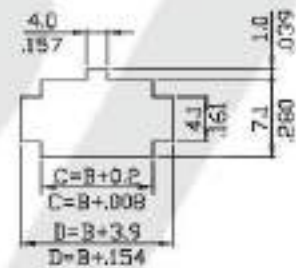
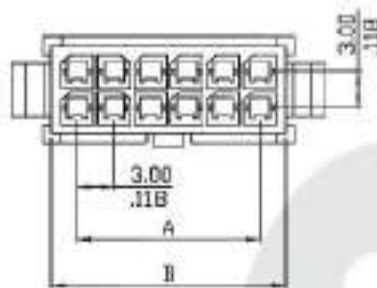
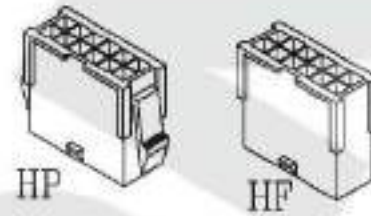
02~24

- ③ Product Type
HM=Housing_Male

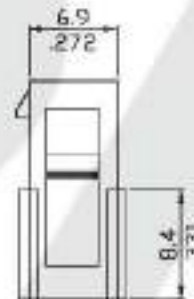
- ④ Material/Finishing/Color
003=NY 66 94V0,Black Color

Housing (Female)

1. Part No.: 3001xxHF003 , 3001xxHP003
2. Part Name: 3001 Housing
3. Material: Nylon 66 UL 94V0
4. Color: Black



Panel layout



Ordering Information and Dimensions:

Part No.	Part No.	Circuits	Dim A	Dim B	Part No.	Part No.	Circuits	Dim A	Dim B
Panel Mount	Free Hanging				Panel Mount	Free Hanging			
300102HP003	300102HF003	2	-- --	3.85(.152)	300114HP003	300114HF003	14	18.6(.729)	21.85(.860)
300104HP003	300104HF003	4	3.0(.118)	6.85(.270)	300116HP003	300116HF003	16	21.6(.847)	24.85(.978)
300106HP003	300106HF003	6	6.0(.236)	9.85(.388)	300118HP003	300118HF003	18	24.0(.945)	27.85(1.096)
300108HP003	300108HF003	8	9.0(.354)	12.85(.506)	300120HP003	300120HF003	20	27.0(1.063)	30.85(1.215)
300110HP003	300110HF003	10	12.0(.472)	15.85(.624)	300122HP003	300122HF003	22	30.0(1.181)	33.85(1.333)
300112HP003	300112HF003	12	15.0(.591)	18.85(.742)	300124HP003	300124HF003	24	33.0(1.299)	36.85(1.451)

Part Code Information:

3001-WW XX YYY

① ② ③ ④

- ① Series Name
- ② Circuits Number

00~24

③ Product Type

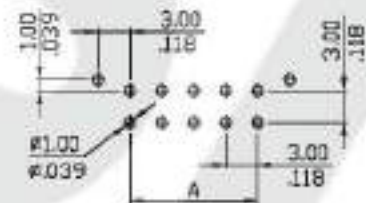
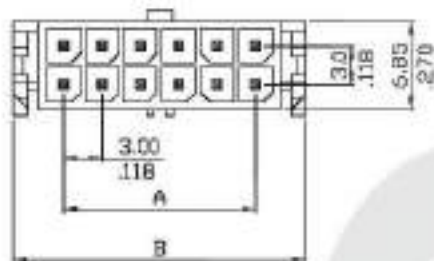
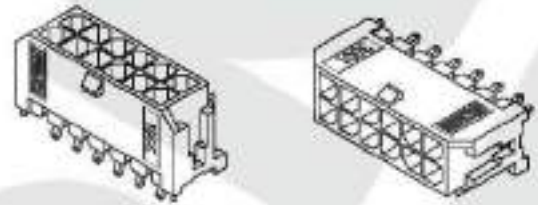
HF=Housing, Female, Free hanging
HP=Housing, Female, Panel mount

④ Material/Finishing/Color

003=NY 66 94V0, Black Color

Wafer (Vertical type)

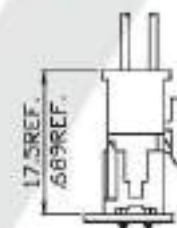
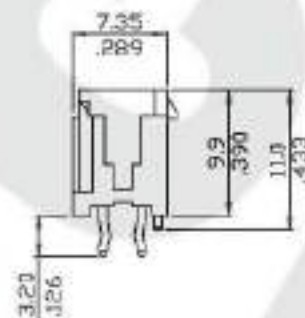
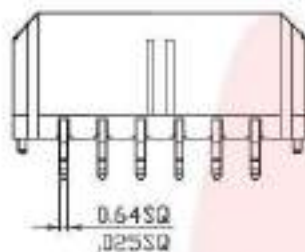
1. Part No.: 3001xxWV003, 3001xxWV103
2. Part Name: 3001 Wafer
3. Material: Nylon 66 UL 94V0
or Polyester LCP UL94V0
Pin: Brass bronze, Tin plated
4. Color: Black



RECOMMENDED PCB LAYOUT

(PCB T=1.0~1.6mm)

(PCB T=.039~.063mm)



Mating Dimensions

Ordering Information and Dimensions:

Part No.		Circuits	Dim A	Dim B	Part No.		Circuits	Dim A	Dim B
LCP	NY 66				LCP	NY 66			
300102WV103	300102WV003	2	---	6.85(.282)	300114WV103	300114WV003	14	18.0(.708)	24.65(.970)
300104WV103	300104WV003	4	3.0(.118)	9.85(.389)	300116WV103	300116WV003	16	21.0(.827)	27.65(1.089)
300106WV103	300106WV003	6	6.0(.236)	12.65(.499)	300118WV103	300118WV003	18	24.0(.945)	30.65(1.207)
300108WV103	300108WV003	8	9.0(.354)	15.65(.616)	300120WV103	300120WV003	20	27.0(1.063)	33.65(1.325)
300110WV103	300110WV003	10	12.0(.472)	18.65(.734)	300122WV103	300122WV003	22	30.0(1.181)	36.65(1.443)
300112WV103	300112WV003	12	15.0(.591)	21.65(.852)	300124WV103	300124WV003	24	33.0(1.298)	39.65(1.561)

Part Code Information:

3001-WW XX YYY

① ② ③ ④

③ Product Type

WV=Wafer (Vertical type)

④ Material/Finishing/Color

003=NY 66 94V0,Black Color

103=Polyester LCP UL94V0, Black Color

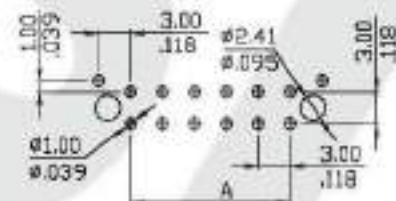
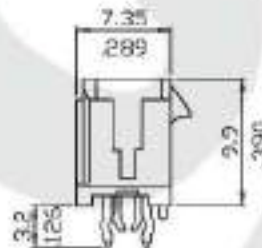
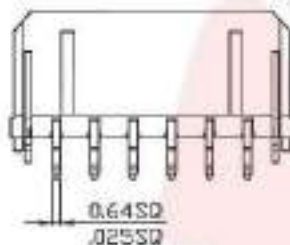
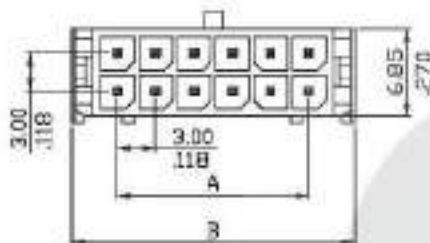
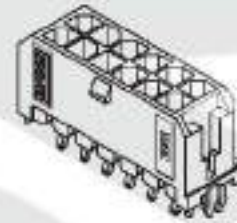
① Series Name

② Circuits Number

02~24

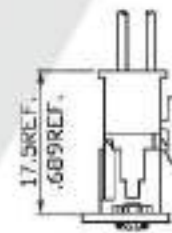
Wafer (Vertical type with clips)

1. Part No.: 3001xxWS003
2. Part Name: 3001 Wafer
3. Material: Nylon 66 UL 94V0
or Polyester LCP UL94V0
Pin: Brass bronze, Tin plated
4. Color: Black



RECOMMENDED PCB LAYOUT

(PCB T=1.0~1.8mm)
(PCB T=.039~.063mm)



Mating Dimensions

Ordering Information and Dimensions:

Part No.		Circuits	Dim A	Dim B	Part No.		Circuits	Dim A	Dim B
LCP	NY 66				LCP	NY 66			
300102WS103	300102WS003	2	---	6.85(.282)	300114WS103	300114WS003	14	18.0(.708)	24.65(.970)
300104WS103	300104WS003	4	3.0(.118)	9.85(.389)	300116WS103	300116WS003	16	21.0(.827)	27.65(1.089)
300106WS103	300106WS003	6	6.0(.236)	12.85(.499)	300118WS103	300118WS003	18	24.0(.945)	30.65(1.207)
300108WS103	300108WS003	8	9.0(.354)	15.85(.616)	300120WS103	300120WS003	20	27.0(1.063)	33.65(1.325)
300110WS103	300110WS003	10	12.0(.472)	18.85(.734)	300122WS103	300122WS003	22	30.0(1.181)	36.65(1.443)
300112WS103	300112WS003	12	15.0(.591)	21.85(.862)	300124WS103	300124WS003	24	33.0(1.298)	39.65(1.561)

Part Code Information:

3001-WW XX YYY

① ② ③ ④

① Series Name

② Circuits Number

02~24

③ Product Type

WS=Wafer (Vertical type with clips)

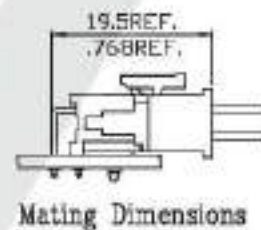
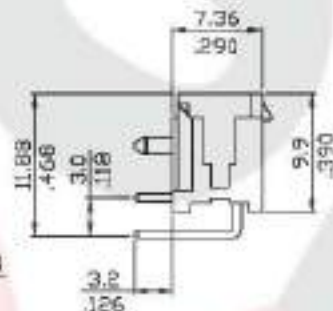
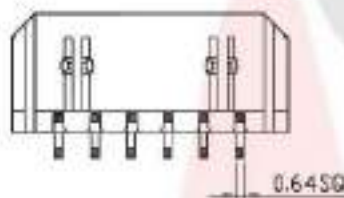
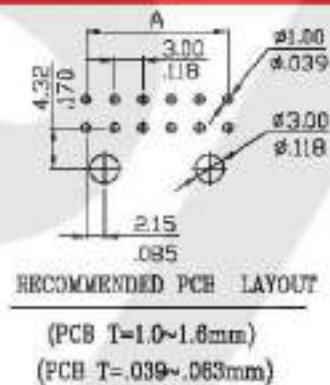
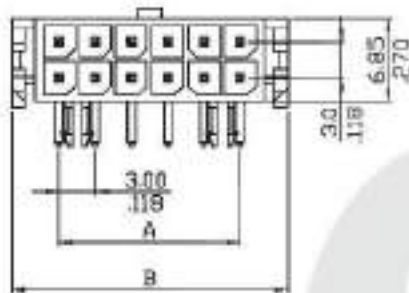
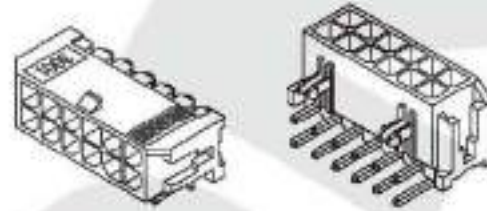
④ Material/Finishing/Color

003=NY 66 94V0,Black Color

103=Polyester LCP UL94V0, Black Color

Wafer (Right angle type)

1. Part No.: 3001xxWR003
2. Part Name: 3001 Wafer
3. Material: Nylon 66 UL 94V0
or Polyester LCP UL94V0
Pin: Brass bronze, Tin plated
4. Color: Black



Ordering Information and Dimensions:

Part No.		Circuits	Dim A	Dim B	Part No.		Circuits	Dim A	Dim B
LCP	NY 66				LCP	NY 66			
300102WR103	300102WR003	2	---	6.85(.282)	300114WR103	300114WR003	14	18.0(.708)	24.65(.970)
300104WR103	300104WR003	4	3.0(.118)	9.85(.389)	300116WR103	300116WR003	16	21.0(.827)	27.65(1.089)
300106WR103	300106WR003	6	6.0(.236)	12.85(.499)	300118WR103	300118WR003	18	24.0(.945)	30.65(1.207)
300108WR103	300108WR003	8	9.0(.354)	15.85(.616)	300120WR103	300120WR003	20	27.0(1.063)	33.65(1.325)
300110WR103	300110WR003	10	12.0(.472)	18.85(.734)	300122WR103	300122WR003	22	30.0(1.181)	36.65(1.443)
300112WR103	300112WR003	12	15.0(.591)	21.85(.852)	300124WR103	300124WR003	24	33.0(1.298)	39.65(1.561)

Part Code Information:

3001-WW XX YYY

① ② ③ ④

① Series Name

② Circuits Number

02~24

③ Product Type

WR=Wafer (Right angle type)

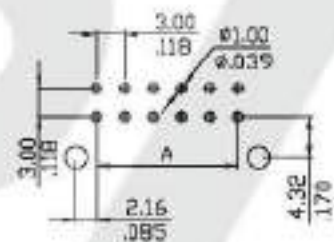
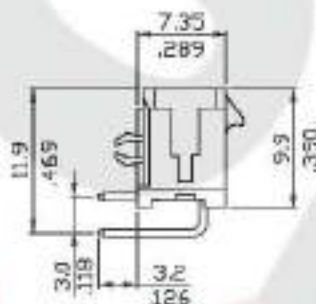
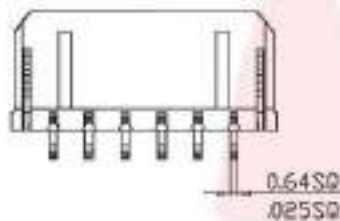
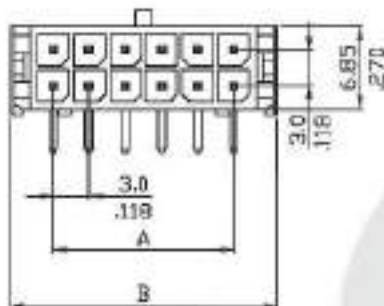
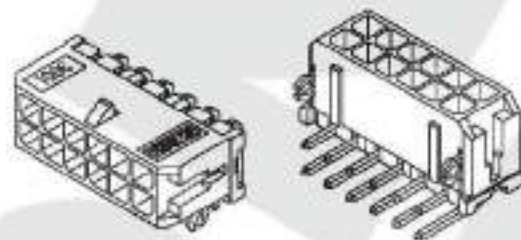
④ Material/Finishing/Color

003=NY 66 94V0,Black Color

103=Polyester LCP UL94V0, Black Color

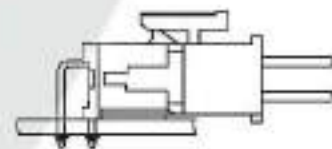
Wafer (Right angle type with clips)

1. Part No.: 3001xxWF003
2. Part Name: 3001 Wafer
3. Material: Nylon 66 UL 94V0
or Polyester LCP UL94V0
Pin: Brass bronze, Tin plated
4. Color: Black



RECOMMENDED PCB LAYOUT

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



Mating Dimensions

Ordering Information and Dimensions:

Part No.		Circuits	Dim A	Dim B	Part No.		Circuits	Dim A	Dim B
LCP	NY 66				LCP	NY 66			
300102WF103	300102WF003	2	---	6.85(.262)	300114WF103	300114WF003	14	18.0(.706)	24.65(.970)
300104WF103	300104WF003	4	3.0(.118)	9.65(.380)	300116WF103	300116WF003	16	21.0(.827)	27.65(1.089)
300106WF103	300106WF003	6	6.0(.236)	12.65(.499)	300118WF103	300118WF003	18	24.0(.945)	30.65(1.207)
300108WF103	300108WF003	8	9.0(.354)	15.65(.616)	300120WF103	300120WF003	20	27.0(1.063)	33.65(1.325)
300110WF103	300110WF003	10	12.0(.472)	18.65(.734)	300122WF103	300122WF003	22	30.0(1.181)	36.65(1.443)
300112WF103	300112WF003	12	15.0(.591)	21.65(.852)	300124WF103	300124WF003	24	33.0(1.298)	39.65(1.561)

Part Code Information:

3001-WW XX YYY

① ② ③ ④

③ Product Type

WF=Wafer (Right angle type with clips)

④ Material/Finishing/Color

003=NY 66 94V0,Black Color

103=Polyester LCP UL94V0, Black Color

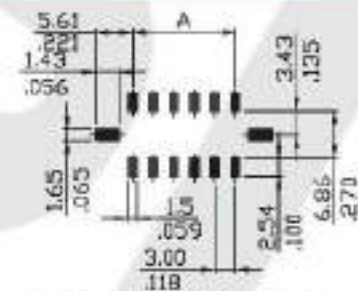
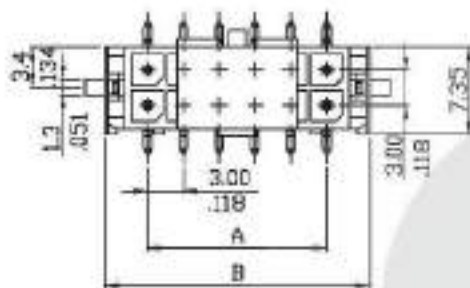
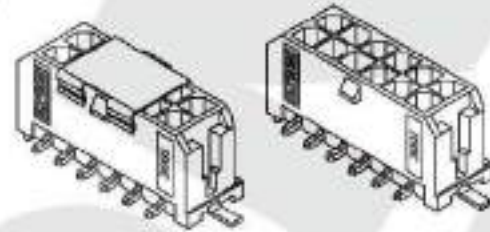
① Series Name

② Circuits Number

02~24

Wafer (SMT Vertical type with nails)

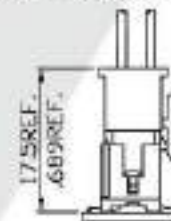
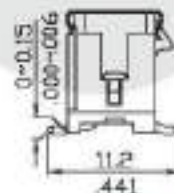
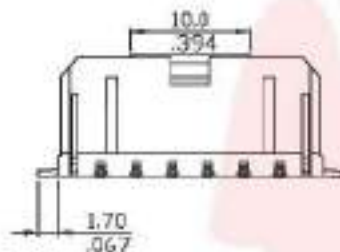
1. Part No.: 3001xxWD103
2. Part Name: 3001 Wafer
3. Material: Polyester LCP UL94-V0
Pin: Brass bronze, Tin plated
4. Color: Black



RECOMMENDED PCB LAYOUT

(PCB T=1.0~1.6mm)

(PCB T=0.30~0.63mm)



Mating Dimensions

Ordering Information and Dimensions:

Part No.	Circuits	Dim A	Dim B	Part No.	Circuits	Dim A	Dim B
LCP				LCP			
300102WD103	2	---	8.85(.282)	300114WD103	14	18.0(.708)	24.85(.970)
300104WD103	4	3.0(.118)	9.85(.380)	300116WD103	16	21.0(.827)	27.85(1.089)
300106WD103	6	6.0(.236)	12.85(.498)	300118WD103	18	24.0(.945)	30.85(1.207)
300108WD103	8	9.0(.354)	15.85(.618)	300120WD103	20	27.0(1.063)	33.85(1.325)
300110WD103	10	12.0(.472)	18.85(.734)	300122WD103	22	30.0(1.181)	36.85(1.443)
300112WD103	12	15.0(.591)	21.85(.852)	300124WD103	24	33.0(1.268)	38.85(1.581)

Part Code Information:

3001-WW XX YYY

① ② ③ ④

③ Product Type

WD=SMT Wafer (Vertical type with nails)

④ Material/Finishing/Color

103=Polyester LCP UL94V0, Black Color

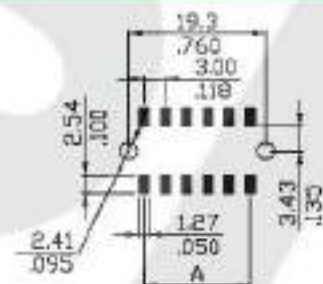
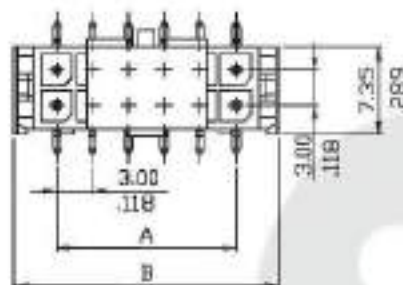
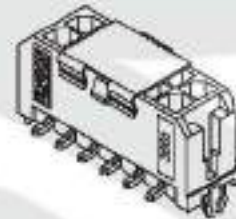
① Series Name

② Circuits Number

02~24

Wafer (SMT Vertical type with clips)

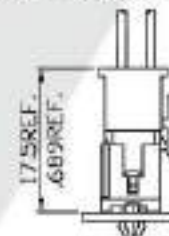
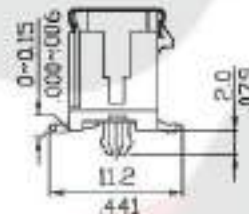
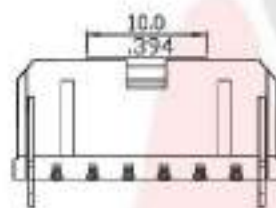
1. Part No.: 3001xxWM103
2. Part Name: 3001 Wafer
3. Material: Polyester LCP UL94-V0
Pin: Brass bronze, Tin plated
4. Color: Black



RECOMMENDED PCB LAYOUT

(PCB T=1.0~1.6mm)

(PCB T=.030~.063mm)



Mating Dimensions

Ordering Information and Dimensions:

Part No.	Circuits	Dim A	Dim B	Part No.	Circuits	Dim A	Dim B
LCP				LCP			
300102WM103	2	---	8.85(.282)	300114WM103	14	18.0(.708)	24.85(.970)
300104WM103	4	3.0(.118)	9.85(.380)	300116WM103	16	21.0(.827)	27.85(1.089)
300106WM103	6	6.0(.236)	12.85(.498)	300118WM103	18	24.0(.945)	30.85(1.207)
300108WM103	8	9.0(.354)	15.85(.618)	300120WM103	20	27.0(1.063)	33.85(1.325)
300110WM103	10	12.0(.472)	18.85(.734)	300122WM103	22	30.0(1.181)	36.85(1.443)
300112WM103	12	15.0(.591)	21.85(.852)	300124WM103	24	33.0(1.299)	39.85(1.561)

Part Code Information:

3001-WW XX YYY

① ② ③ ④

③ Product Type

WM=SMT Wafer (Vertical type with clips)

④ Material/Finishing/Color

103=Polyester LCP UL94V0, Black Color

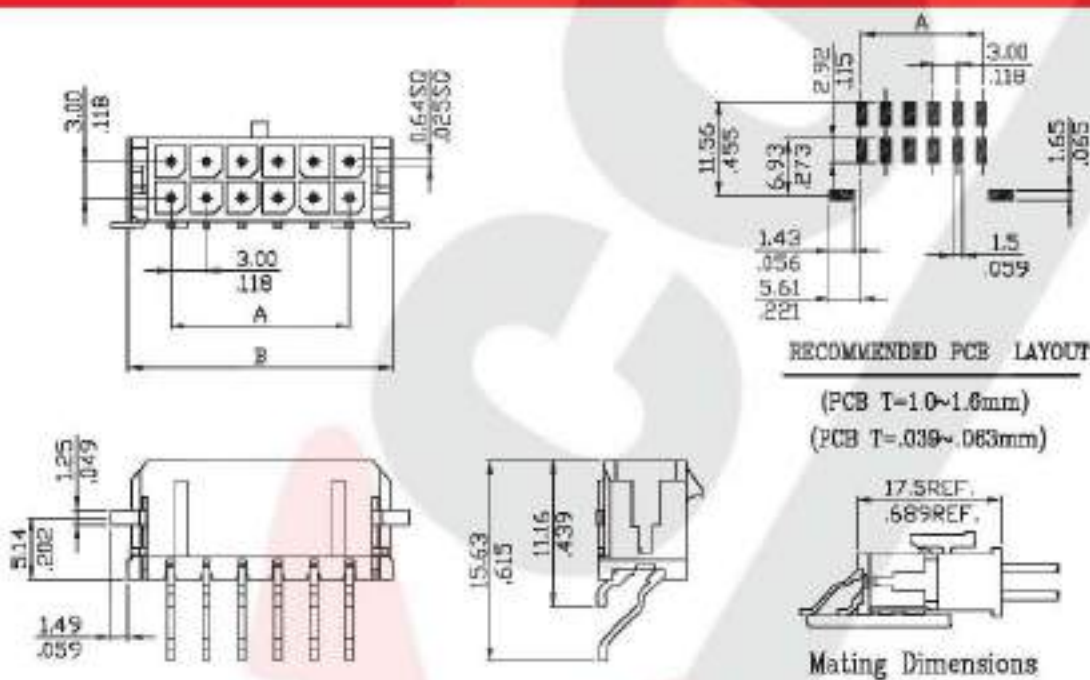
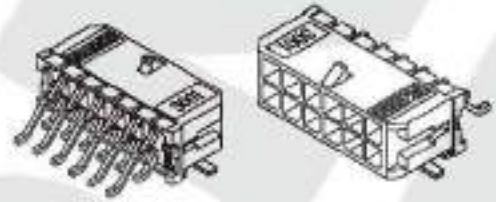
① Series Name

② Circuits Number

02~24

Wafer (SMT Right angle type with nails)

1. Part No.: 3001xxWE103
2. Part Name: 3001 Wafer
3. Material: Polyester LCP UL94V0
Pin: Brass bronze, Tin plated
4. Color: Black



Ordering Information and Dimensions:

Part No.	Circuits	Dim A	Dim B	Part No.	Circuits	Dim A	Dim B
LCP				LCP			
300102WE103	2	---	8.85(.282)	300114WE103	14	18.0(.708)	24.85(.970)
300104WE103	4	3.0(.118)	9.85(.380)	300116WE103	16	21.0(.827)	27.85(1.089)
300106WE103	6	6.0(.236)	12.85(.498)	300118WE103	18	24.0(.945)	30.85(1.207)
300108WE103	8	9.0(.354)	15.85(.618)	300120WE103	20	27.0(1.063)	33.85(1.325)
300110WE103	10	12.0(.472)	18.85(.734)	300122WE103	22	30.0(1.181)	36.85(1.443)
300112WE103	12	15.0(.591)	21.85(.852)	300124WE103	24	33.0(1.268)	39.85(1.561)

Part Code Information:

3001-WW XX YYY

① ② ③ ④

③ Product Type

WE=SMT Wafer (Right angle type with nails)

④ Material/Finishing/Color

103=Polyester LCP UL94V0, Black Color

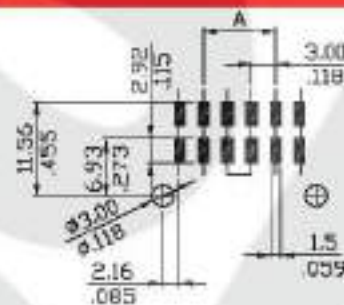
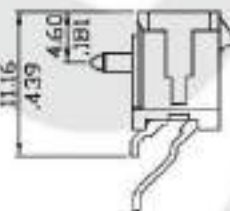
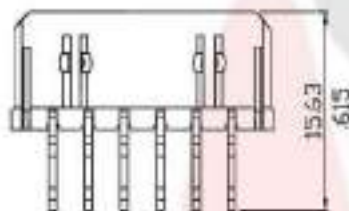
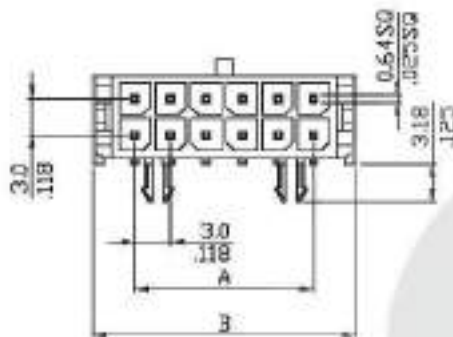
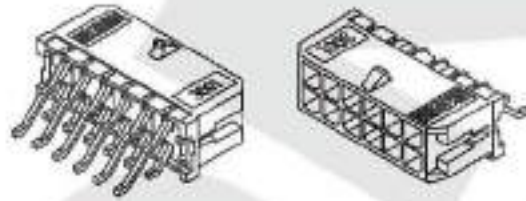
① Series Name

② Circuits Number

03~24

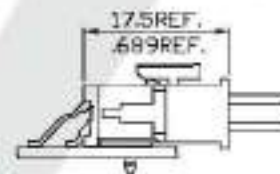
Wafer (SMT Right angle type)

1. Part No.: 3001xxWH103
2. Part Name: 3001 Wafer
3. Material: Polyester LCP UL94V0
Pin: Brass bronze, Tin plated
4. Color: Black



RECOMMENDED PCB LAYOUT

- (PCB T=1.0~1.6mm)
- (PCB T=.039~.063mm)



Mating Dimensions

Ordering Information and Dimensions:

Part No.	Circuits	Dim A	Dim B	Part No.	Circuits	Dim A	Dim B
LCP				LCP			
300102WH103	2	---	8.85(.282)	300114WH103	14	18.0(.708)	24.85(.970)
300104WH103	4	3.0(.118)	9.85(.380)	300116WH103	16	21.0(.827)	27.85(1.089)
300106WH103	6	6.0(.236)	12.85(.498)	300118WH103	18	24.0(.945)	30.85(1.207)
300108WH103	8	9.0(.354)	15.85(.618)	300120WH103	20	27.0(1.063)	33.85(1.325)
300110WH103	10	12.0(.472)	18.85(.734)	300122WH103	22	30.0(1.181)	36.85(1.443)
300112WH103	12	15.0(.591)	21.85(.852)	300124WH103	24	33.0(1.268)	39.85(1.561)

Part Code Information:

3001-WW XX YYY

① ② ③ ④

① Series Name

② Circuits Number

02~24

③ Product Type

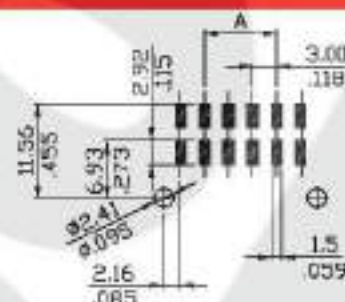
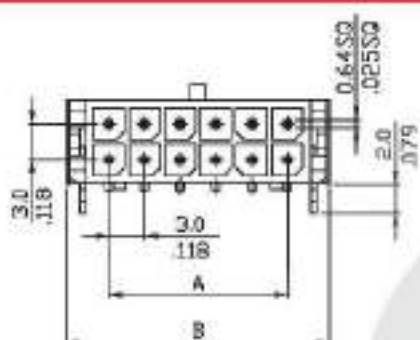
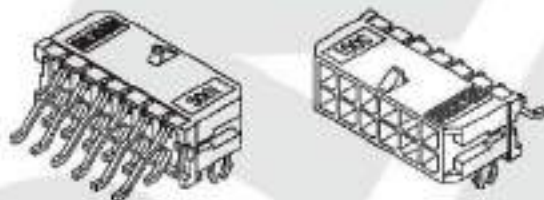
WH=Wafer SMT (Right angle type)

④ Material/Finishing/Color

103=Polyester LCP UL94V0, Black Color

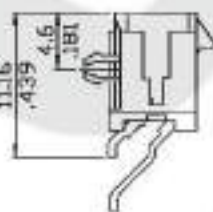
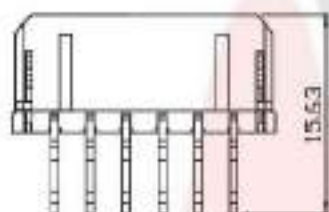
Wafer (SMT Right angle type with clips)

1. Part No.: 3001xxWJ103
2. Part Name: 3001 Wafer
3. Material: Polyester LCP UL94V0
Pin: Brass bronze, Tin plated
4. Color: Black



RECOMMENDED PCB LAYOUT

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



Mating Dimensions

Ordering Information and Dimensions:

Part No.	Circuits	Dim A	Dim B	Part No.	Circuits	Dim A	Dim B
LCP				LCP			
300102WJ103	2	---	8.85(.282)	300114WJ103	14	18.0(.708)	24.85(.970)
300104WJ103	4	3.0(.118)	9.85(.380)	300116WJ103	16	21.0(.827)	27.85(1.089)
300106WJ103	6	6.0(.236)	12.85(.498)	300118WJ103	18	24.0(.945)	30.85(1.207)
300108WJ103	8	9.0(.354)	15.85(.616)	300120WJ103	20	27.0(1.063)	33.85(1.325)
300110WJ103	10	12.0(.472)	18.85(.734)	300122WJ103	22	30.0(1.181)	36.85(1.443)
300112WJ103	12	15.0(.591)	21.85(.852)	300124WJ103	24	33.0(1.299)	39.85(1.561)

Part Code Information:

3001-WW XX YYY

① ② ③ ④

① Series Name

② Circuits Number

02~24

③ Product Type

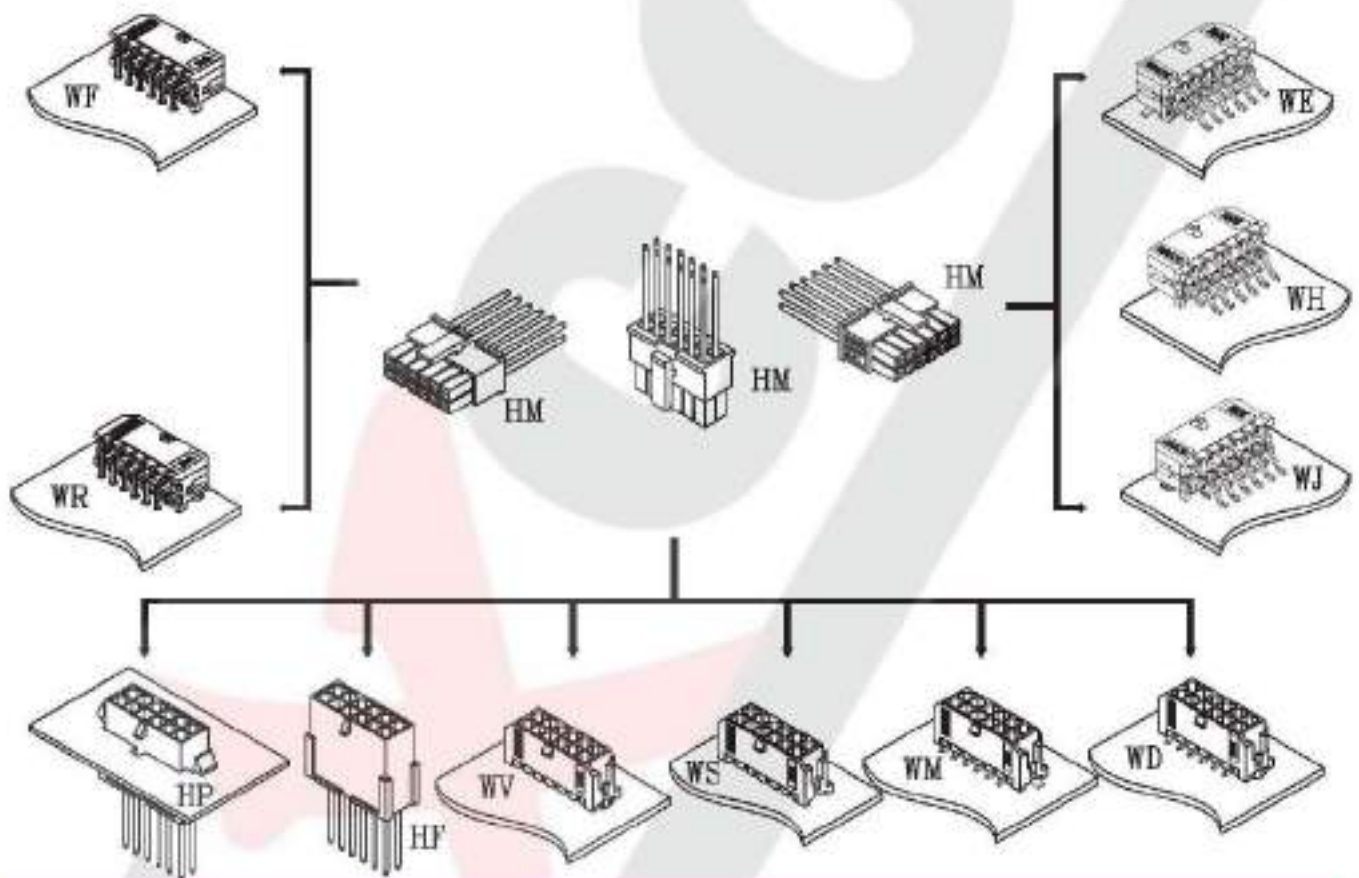
WJ=Wafer SMT
(Right angle type with clips)

④ Material/Finishing/Color

103=Polyester LCP UL94V0, Black Color

■ Specifications

1. Current rating: 5A AC/DC
2. Voltage rating: 250V AC/DC
3. Withstand voltage: 1500V AC/minute
4. Insulation resistance: 1000M Ω min
5. Contact resistance: 10m Ω max
6. Temperature range: -25°C to +105°C
7. Applicable PC board thickness: 0.8~1.6mm(.032" to .063")
8. Applicable wires: AWG#30-#20
Insulation O.D.: 0.8-1.7mm
9. Circuits: 02~24 circuits available



Part Code Information:

3001-WW XX YY

① ② ③ ④

① Series Name

② Circuits Number

02~24(only even circuits)

00 For Terminal

③ Product Type

HM=Housing, Male

HF=Housing, Female, Free hanging

HP=Housing, Female, Panel mount

TA=Terminal, A type

TB=Terminal, B type

TM=Terminal, M type

TP=Terminal, P type

WV=Wafer (Vertical type)

WR=Wafer (Right angle type)

WD=SMT Wafer (Vertical type)

WE=SMT Wafer (Right angle type)

WS=Wafer, Vertical type, With polarisation

WP=Wafer, Right angle type, With plug

WM=Wafer (SMT Vertical type)

WH=Wafer (SMT Horizontal type)

WJ=Wafer

(SMT Horizontal type with lock)

④ Material/Finishing/Color

003=NY 66 UL94V0, Black Color

103=Polyester LCP UL94V0, Black Color

351=Phosphor, Tin Pre-Plated