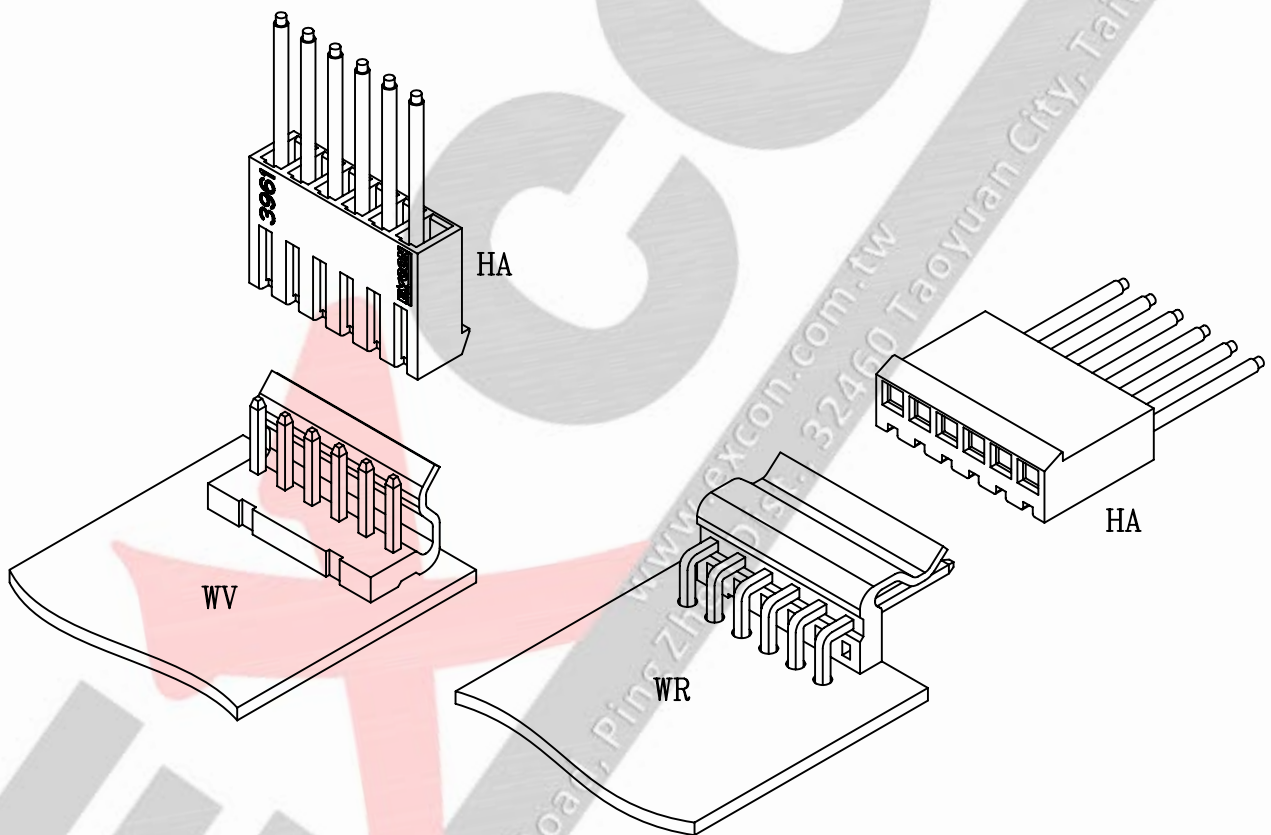


■ Specifications

1. Current rating: 5A AC/DC
2. Voltage rating: 250V AC/DC
3. Withstand voltage: 1000V 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-#18
Insulation O.D.: 1.3-2.8mm
9. Circuits: 2~20 circuits available



Part Code Information:

3961-WW XX YYY

① ② ③ ④

① Series Name

② Circuits Number

02~20

00 For Terminal,Key

③ Product Type

HA=Housing

WV=Wafer (Vertical type)

WR=Wafer (Right angle type)

TC=Terminal

HK=Key

④ Material/Finishing/Color

351=Phosphor,Tin Pre-Plated

051=Brass bronze,Tin Pre-Plated

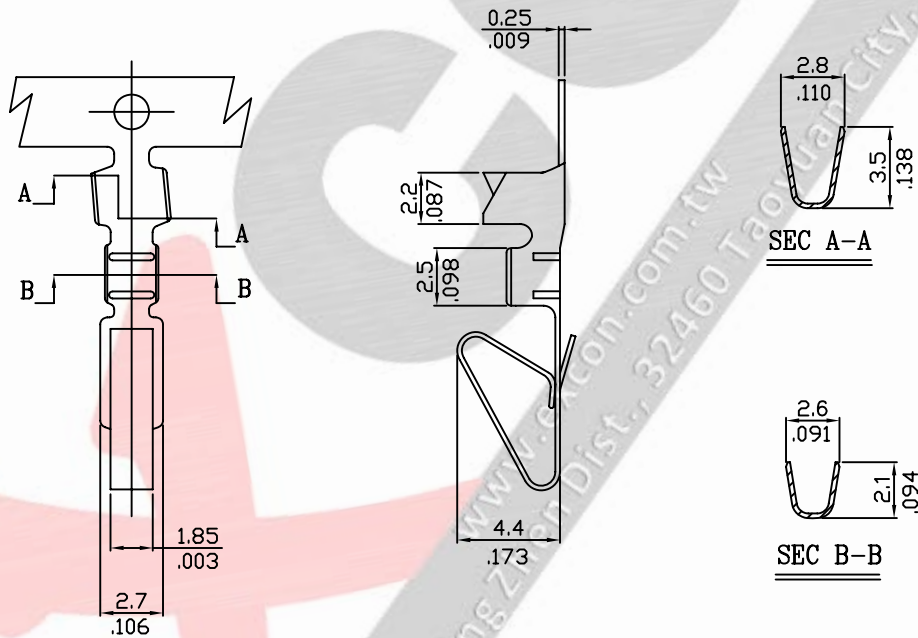
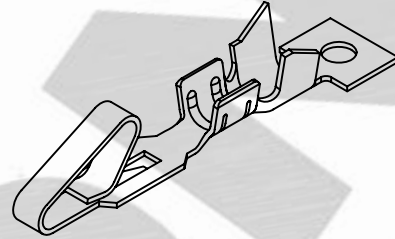
051=NY 66 94V-2,Natural Color

201=PBT 94V0,Color White

203=PBT 94V0,Color Black

Crimp Terminal

1. Part No.: 396100TC051,396100TC351
2. Part Name: 3961 Terminal
3. Material:Phosphor, Brass bronze
4. Finishing: Tin pre-plated



Ordering Information and Dimensions:

Part No.	Wire Range	Insulation O.D.	Material	Finishing	Q'ty/reel
396100TC051	AWG#26~#18	1.3-2.8mm	Brass	Tin pre-plated	6,000pcs
396100TC351	AWG#26~#18	1.3-2.8mm	Phosphor	Tin pre-plated	6,000pcs

Part Code Information:

3961-WW XX YY

① ② ③ ④

① Series Name

② Circuits Number

00 For Terminal

③ Product Type

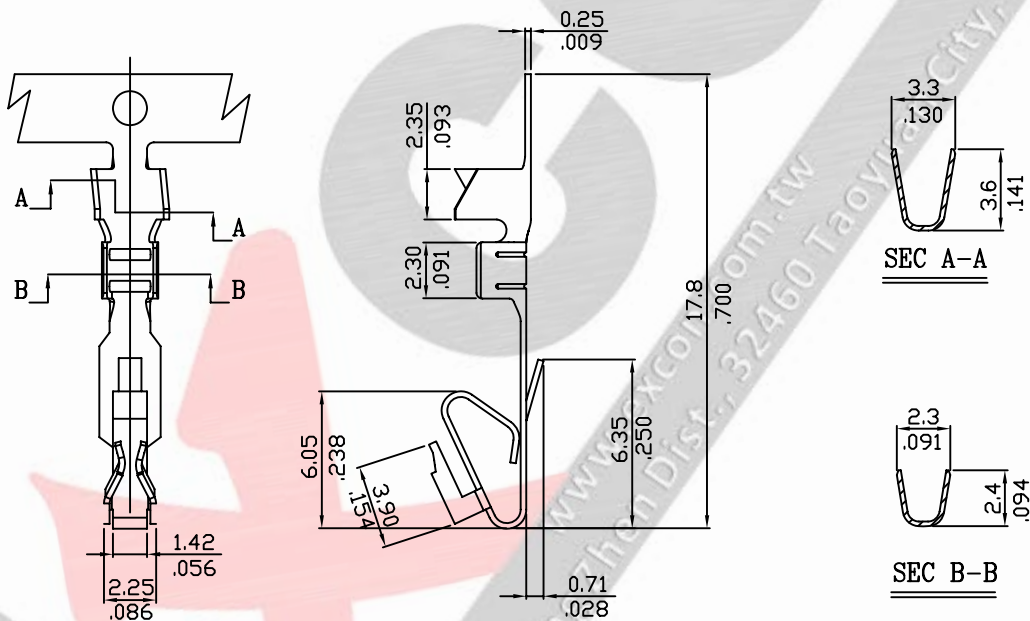
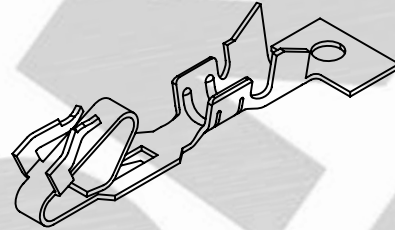
TC=Terminal

④ Material/Finishing/Color

051=Brass bronze,Tin Pre-Plated
351=Phosphor,Tin Pre-Plated

Crimp Terminal

1. Part No.: 396100TD051,396100TD001
2. Part Name: 3961 Terminal
3. Material:Brass bronze
4. Finishing: Tin pre-plated



Ordering Information and Dimensions:

Part No.	Wire Range	Insulation O.D.	Material	Finishing	Q'ty/reel
396100TD001	AWG#26~#18	1.3-2.8mm	Brass	Tin plated	7,000pcs
396100TD051	AWG#26~#18	1.3-2.8mm	Brass	Tin pre-plated	7,000pcs

Part Code Information:

3961-WW XX YYY

① ② ③ ④

① Series Name

② Circuits Number

00 For Terminal

③ Product Type

TD=Terminal

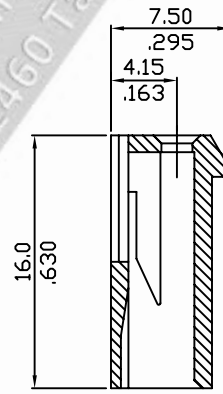
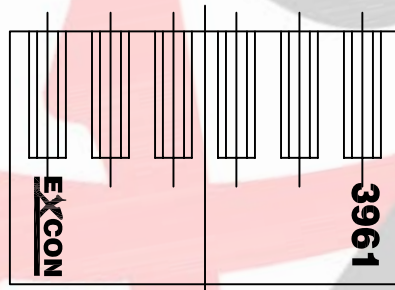
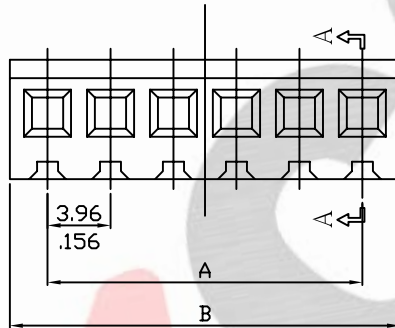
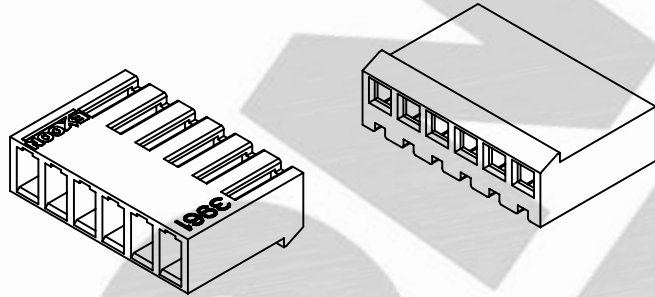
④ Material/Finishing/Color

001=Brass bronze,Tin Plated

051=Brass bronze,Tin pre-Plated

Housing

1. Part No.: 3961xxHA051
2. Part Name: 3961 Housing
3. Material: Nylon 66 UL 94V2
4. Color: Natural



SEC A-A

Ordering Information and Dimensions:

Part No.	Circuits	Dim A	Dim B	Part No.	Circuits	Dim A	Dim B
396102HA051	2	3.96(.156)	8.70(.343)	396112HA051	12	43.56(1.715)	48.30(1.902)
396103HA051	3	7.92(.312)	12.66(.498)	396113HA051	13	47.52(1.871)	52.26(2.057)
396104HA051	4	11.88(.468)	16.62(.654)	396114HA051	14	51.48(2.027)	56.22(2.213)
396105HA051	5	15.84(.624)	20.58(.810)	396115HA051	15	55.44(2.183)	60.18(2.369)
396106HA051	6	19.80(.780)	24.54(.966)	396116HA051	16	59.40(2.339)	64.14(2.525)
396107HA051	7	23.76(.935)	28.50(1.122)	396117HA051	17	63.36(2.494)	68.10(2.681)
396108HA051	8	27.72(1.091)	32.46(1.278)	396118HA051	18	67.32(2.650)	72.06(2.837)
396109HA051	9	31.68(1.247)	36.42(1.434)	396119HA051	19	71.28(2.806)	76.02(2.993)
396110HA051	10	35.64(1.403)	40.38(1.590)	396120HA051	20	75.24(2.962)	79.98(3.149)
396111HA051	11	39.60(1.559)	44.34(1.746)				

Part Code Information:

3961-WW XX YYY

① ② ③ ④

① Series Name

② Circuits Number

00 For Terminal

③ Product Type

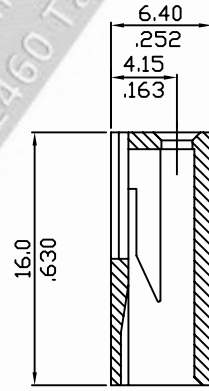
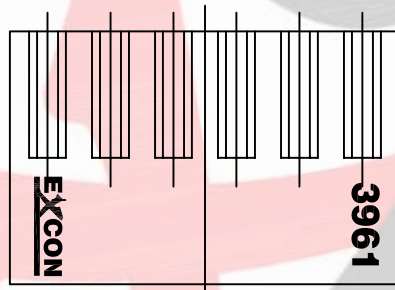
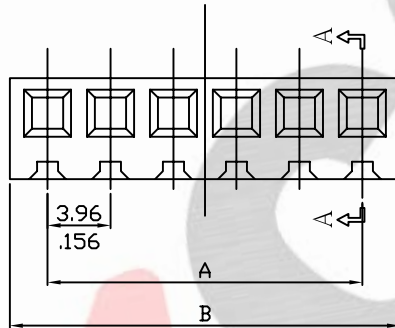
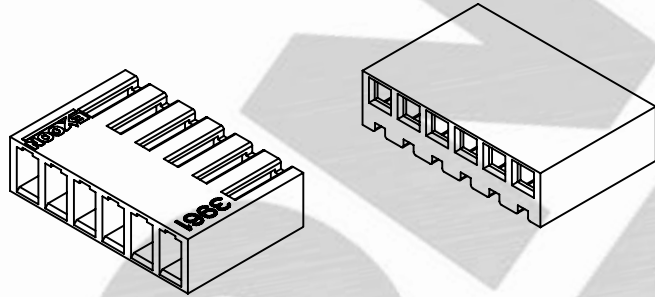
HA=Housing

④ Material/Finishing/Color

051=NY 66 94V-2,Natural Color

Housing

1. Part No.: 3961xxHB051
2. Part Name: 3961 Housing
3. Material: Nylon 66 UL 94V2
4. Color: Natural



SEC A-A

Ordering Information and Dimensions:

Part No.	Circuits	Dim A	Dim B	Part No.	Circuits	Dim A	Dim B
396102HB051	2	3.96(.156)	8.70(.343)	396112HB051	12	43.56(1.715)	48.30(1.902)
396103HB051	3	7.92(.312)	12.66(.498)	396113HB051	13	47.52(1.871)	52.26(2.057)
396104HB051	4	11.88(.468)	16.62(.654)	396114HB051	14	51.48(2.027)	56.22(2.213)
396105HB051	5	15.84(.624)	20.58(.810)	396115HB051	15	55.44(2.183)	60.18(2.369)
396106HB051	6	19.80(.780)	24.54(.966)	396116HB051	16	59.40(2.339)	64.14(2.525)
396107HB051	7	23.76(.935)	28.50(1.122)	396117HB051	17	63.36(2.494)	68.10(2.681)
396108HB051	8	27.72(1.091)	32.46(1.278)	396118HB051	18	67.32(2.650)	72.06(2.837)
396109HB051	9	31.68(1.247)	36.42(1.434)	396119HB051	19	71.28(2.806)	76.02(2.993)
396110HB051	10	35.64(1.403)	40.38(1.590)	396120HB051	20	75.24(2.962)	79.98(3.149)
396111HB051	11	39.60(1.559)	44.34(1.746)				

Part Code Information:

3961-WW XX YYY

① ② ③ ④

① Series Name

② Circuits Number

00 For Terminal

③ Product Type

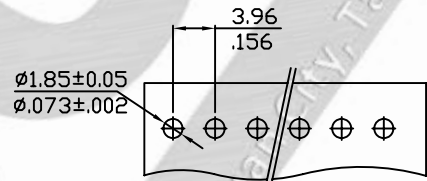
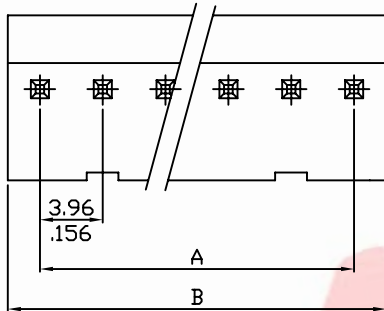
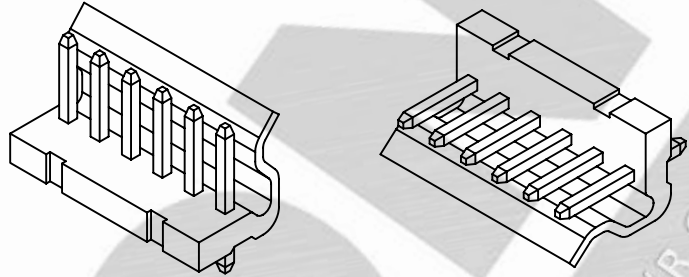
HB=Housing

④ Material/Finishing/Color

051=NY 66 94V-2,Natural Color

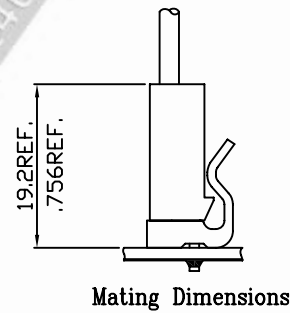
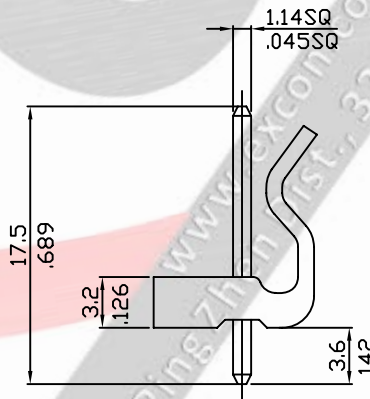
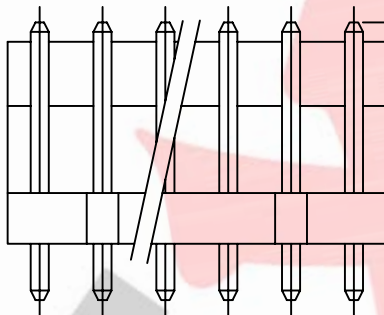
Wafer (Vertical type)

1. Part No.: 3961xxWV051
2. Part Name: 3961 Wafer
3. Material: Nylon 66 UL 94V2
Pin: Brass bronze, Tin plated
5. 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
396102WV051	2	3.96(.156)	7.92(.312)	396112WV051	12	43.56(1.715)	47.52(1.871)
396103WV051	3	7.92(.312)	11.88(.468)	396113WV051	13	47.52(1.871)	51.48(2.027)
396104WV051	4	11.88(.468)	15.84(.624)	396114WV051	14	51.48(2.027)	55.44(2.183)
396105WV051	5	15.84(.624)	19.80(.780)	396115WV051	15	55.44(2.183)	59.40(2.339)
396106WV051	6	19.80(.780)	23.76(.935)	396116WV051	16	59.40(2.339)	63.36(2.494)
396107WV051	7	23.76(.935)	27.72(1.091)	396117WV051	17	63.36(2.494)	67.32(2.650)
396108WV051	8	27.72(1.091)	31.68(1.247)	396118WV051	18	67.32(2.650)	71.28(2.806)
396109WV051	9	31.68(1.247)	35.64(1.403)	396119WV051	19	71.28(2.806)	75.24(2.962)
396110WV051	10	35.64(1.403)	39.60(1.559)	396120WV051	20	75.24(2.962)	79.20(3.118)
396111WV051	11	39.60(1.559)	43.56(1.715)				

Part Code Information:

3961-WW XX YYY

① ② ③ ④

① Series Name

② Circuits Number

00 For Terminal

③ Product Type

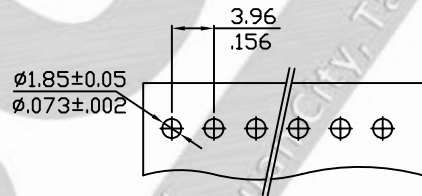
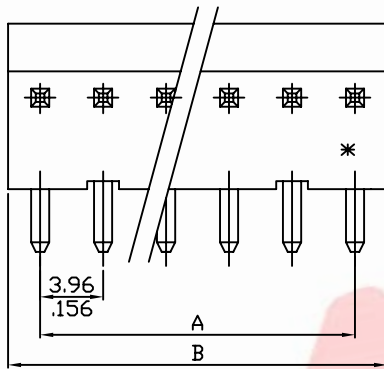
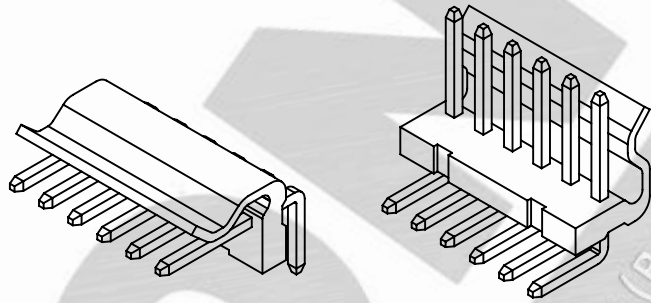
WV=Wafer (Vertical type)

④ Material/Finishing/Color

051=NY 66 94V-2,Natural Color

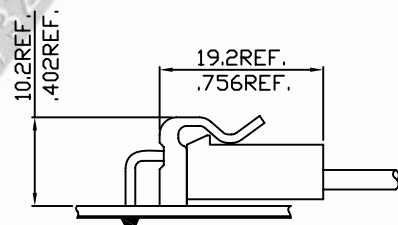
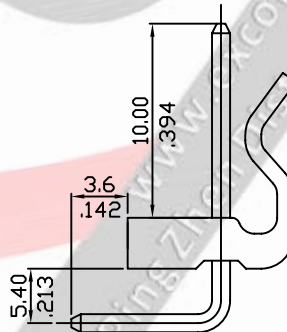
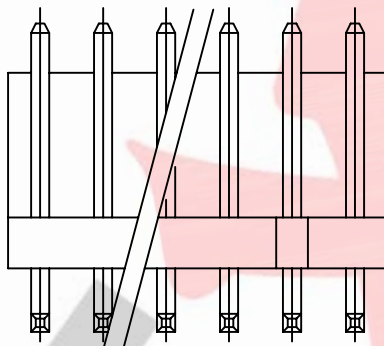
Wafer (Right angle type)

1. Part No.: 3961xxWR051
2. Part Name: 3961 Wafer
3. Material: Nylon 66 UL 94V2
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
396102WR051	2	3.96(.156)	7.92(.312)	396112WR051	12	43.56(1.715)	47.52(1.871)
396103WR051	3	7.92(.312)	11.88(.468)	396113WR051	13	47.52(1.871)	51.48(2.027)
396104WR051	4	11.88(.468)	15.84(.624)	396114WR051	14	51.48(2.027)	55.44(2.183)
396105WR051	5	15.84(.624)	19.80(.780)	396115WR051	15	55.44(2.183)	59.40(2.339)
396106WR051	6	19.80(.780)	23.76(.935)	396116WR051	16	59.40(2.339)	63.36(2.494)
396107WR051	7	23.76(.935)	27.72(1.091)	396117WR051	17	63.36(2.494)	67.32(2.650)
396108WR051	8	27.72(1.091)	31.68(1.247)	396118WR051	18	67.32(2.650)	71.28(2.806)
396109WR051	9	31.68(1.247)	35.64(1.403)	396119WR051	19	71.28(2.806)	75.24(2.962)
396110WR051	10	35.64(1.403)	39.60(1.559)	396120WR051	20	75.24(2.962)	79.20(3.118)
396111WR051	11	39.60(1.559)	43.56(1.715)				

Part Code Information:

3961-WW XX YYY

① ② ③ ④

① Series Name

② Circuits Number

00 For Terminal

③ Product Type

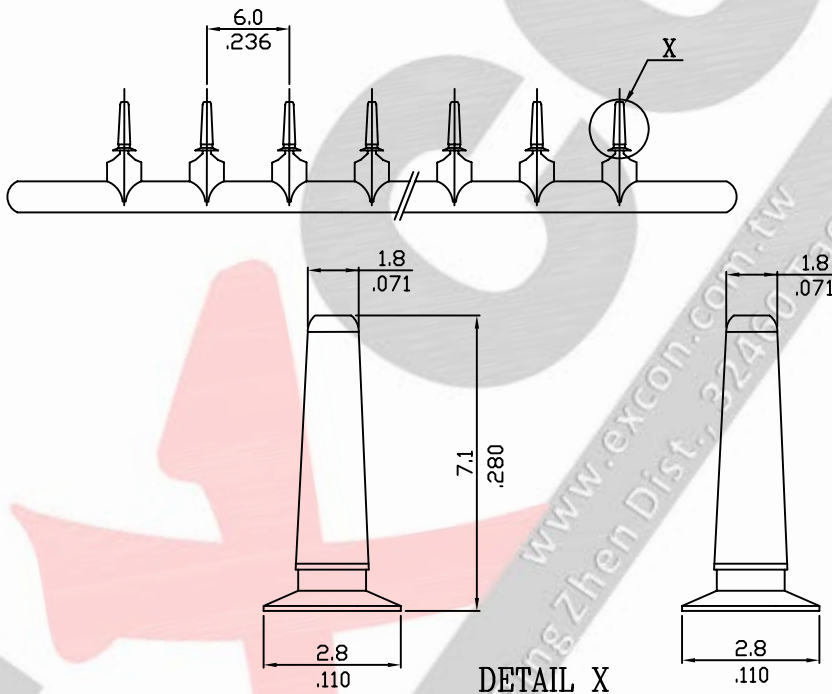
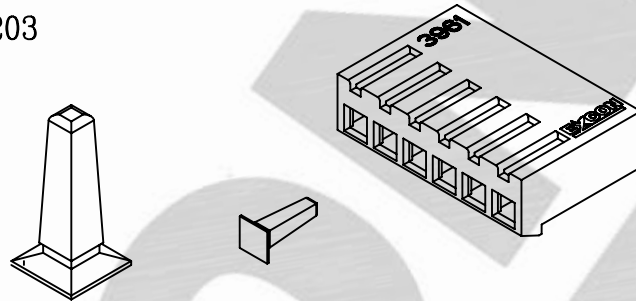
WR=Wafer (Right angle type)

④ Material/Finishing/Color

051=NY 66 94V-2,Natural Color

Key

1. Part No.: 396100HK201, 396100HK203
2. Part Name: 3961 Key
3. Material: PBT UL94 V0
4. Color: Black ,White



Ordering Information and Dimensions:

Part No.	Color
396100HK201	White
396100HK203	Black

Part Code Information: ③ Product Type
3961-WW XX YYY
HK=Key

① ② ③ ④

① Series Name

④ Material/Finishing/Color
201=PBT 94V0,Color White
203=PBT 94V0,Color Black