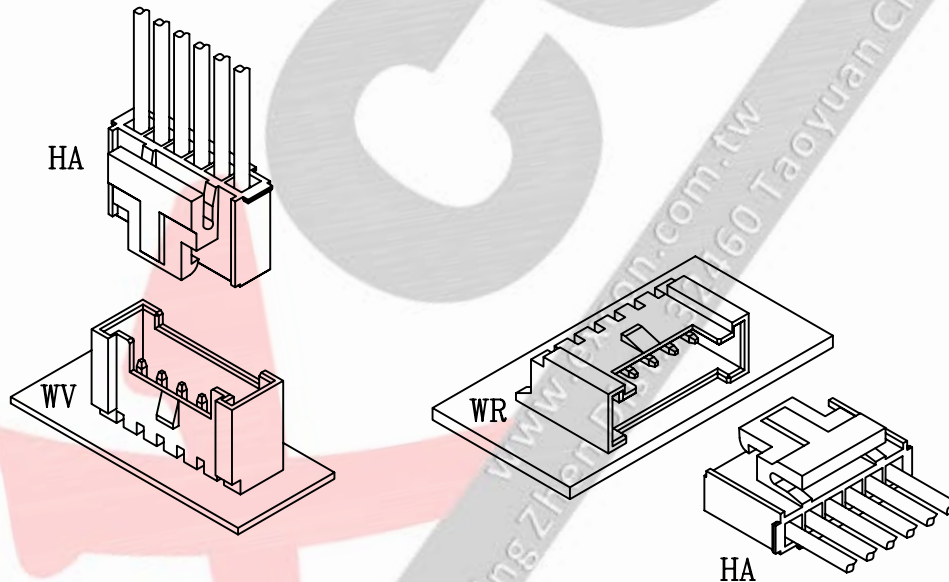


■ Specifications

1. Current rating: 1A AC/DC
2. Voltage rating: 125V AC/DC
3. Withstand voltage: 1000V AC/minute
4. Insulation resistance: 1000M Ω min
5. Contact resistance: 20m Ω max
6. Temperature range: -25°C to +105°C
7. Applicable PC board thickness: 0.8~1.6mm(.031"to .063")
8. Applicable wires: AWG#30-#24
Insulation O.D.: 1.2-1.8mm
9. Circuits: 2~16 circuits available



Part Code Information:

2010-WW XX YYY

① ② ③ ④

① Series Name

② Circuits Number

02~16

00 For Terminal

③ Product Type

HA=Housing

WV=Wafer (Vertical type)

WR=Wafer (Right angle type)

TC=Terminal

④ Material/Finishing/Color

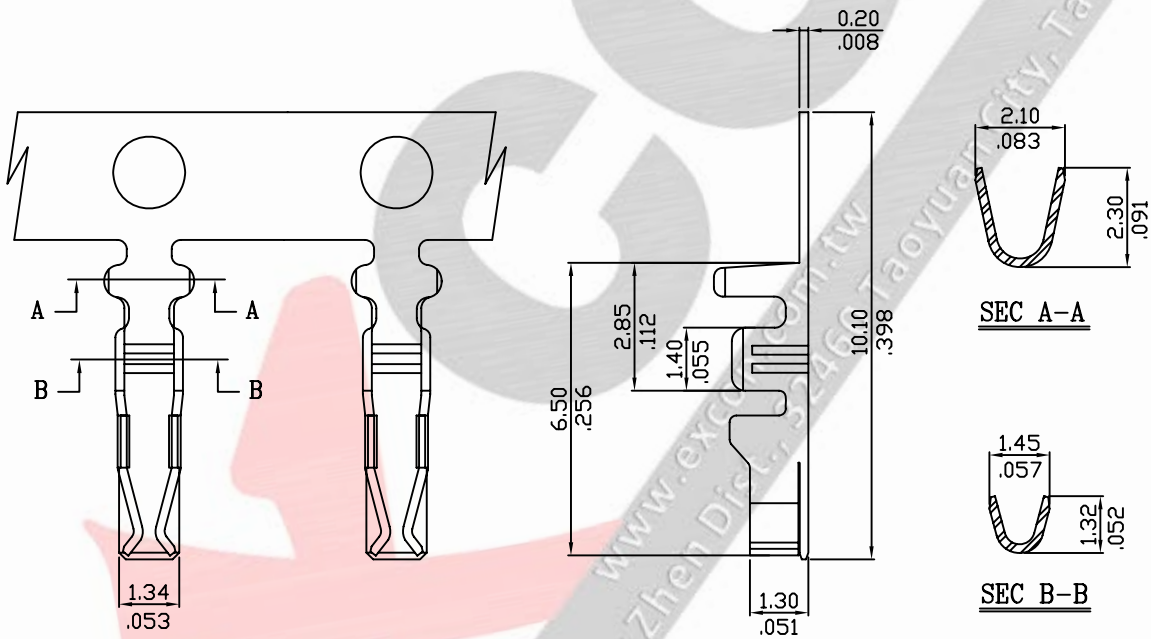
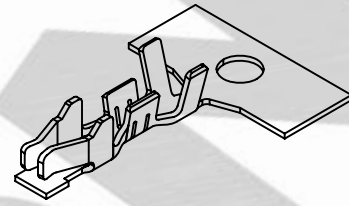
351=Phosphor,Tin pre-plated

301=Phosphor,Tin Plated

001=NY66 UL94V0,Natural Color

Crimp Terminal

1. Part No.: 201000TC301 ,201000TC351
2. Part Name: 2010 Terminal
3. Material: phosphor bronze
4. Finishing: Tin plated ,Tin pre-plated



Ordering Information and Dimensions:

Part No.	Wire Range	Insulation O.D.	Material	Finishing	Q'ty/reel
201000TC301	AWG#28~#22	0.9-1.5mm	Phosphor	Tin plated	10,000pcs
201000TC351	AWG#28~#22	0.9-1.5mm	Phosphor	Tin pre-plated	10,000pcs

Part Code Information:

2010-WW XX YY

① ② ③ ④

① Series Name

② Circuits Number

00 For Terminal

③ Product Type

TC=Terminal

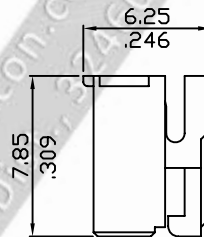
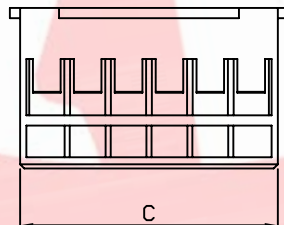
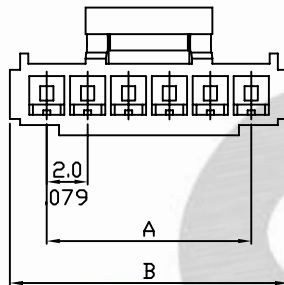
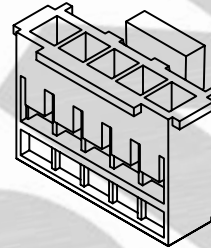
④ Material/Finishing/Color

301=Phosphor,Tin Plated

351=Phosphor,Tin Pre-Plated

Housing

1. Part No.: 2010xxHA001
2. Part Name: 2010 Housing
3. Material: Nylon 66 UL 94V0
4. Color: Natural



Ordering Information and Dimensions:

Part No.	Circuits	Dim A	Dim B	Dim C	Part No.	Circuits	Dim A	Dim B	Dim C
201002HA001	2	2.0(.079)	4.6(.181)	5.6(.220)	201010HA001	10	18.0(.709)	20.6(.811)	21.6(.850)
201003HA001	3	4.0(.157)	6.6(.260)	7.6(.299)	201011HA001	11	20.0(.787)	22.6(.890)	23.6(.929)
201004HA001	4	6.0(.236)	8.6(.339)	9.6(.378)	201012HA001	12	22.0(.866)	24.6(.969)	25.6(1.008)
201005HA001	5	8.0(.315)	10.6(.417)	11.6(.457)	201013HA001	13	24.0(.945)	26.6(1.047)	27.6(1.087)
201006HA001	6	10.0(.394)	12.6(.496)	13.6(.535)	201014HA001	14	26.0(1.024)	28.6(1.126)	29.6(1.165)
201007HA001	7	12.0(.472)	14.6(.575)	15.6(.614)	201015HA001	15	28.0(1.102)	30.6(1.205)	31.6(1.244)
201008HA001	8	14.0(.551)	16.6(.654)	17.6(.693)	201016HA001	16	28.0(1.102)	32.6(1.283)	33.6(1.323)
201009HA001	9	16.0(.630)	18.6(.732)	19.6(.772)					

Part Code Information:

2010-WW XX YYY

① ② ③ ④

① Series Name

② Circuits Number

02~16

③ Product Type

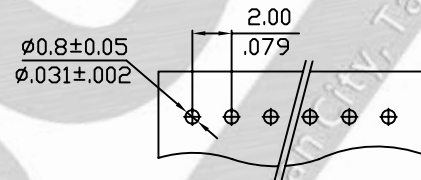
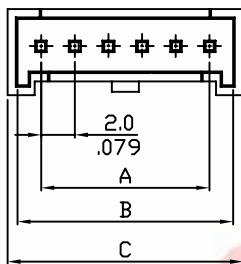
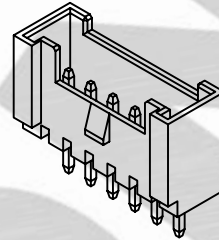
HA=Housing A Type

④ Material/Finishing/Color

001=NY66 UL94V0,Natural Color

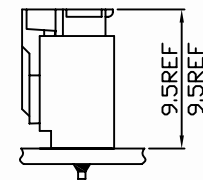
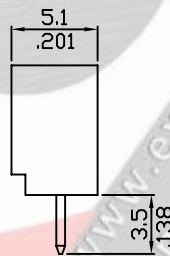
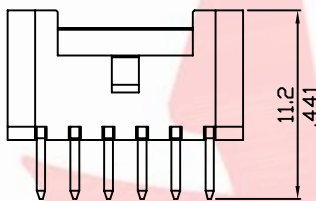
Wafer (Vertical type)

1. Part No.: 2010xxWV001
2. Part Name: 2010 Wafer
3. Material: Nylon 66 UL 94V0
4. 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	Dim C
201002WV001	2	2.0(.079)	4.75(.187)	5.98(.235)
201003WV001	3	4.0(.157)	6.75(.266)	7.98(.314)
201004WV001	4	6.0(.236)	8.75(.344)	9.98(.393)
201005WV001	5	8.0(.315)	10.75(.423)	11.98(.472)
201006WV001	6	10.0(.394)	12.75(.502)	13.98(.550)
201007WV001	7	12.0(.472)	14.75(.581)	15.98(.629)
201008WV001	8	14.0(.551)	16.75(.659)	17.98(.708)
201009WV001	9	16.0(.630)	18.75(.738)	19.98(.787)

Part No.	Circuits	Dim A	Dim B	Dim C
201010WV001	10	18.0(.709)	20.75(.817)	21.98(.865)
201011WV001	11	20.0(.787)	22.75(.896)	23.98(.944)
201012WV001	12	22.0(.866)	24.75(.974)	25.98(1.023)
201013WV001	13	24.0(.945)	26.75(1.053)	27.98(1.102)
201014WV001	14	26.0(1.024)	28.75(1.132)	29.98(1.180)
201015WV001	15	28.0(1.102)	30.75(1.211)	31.98(1.259)
201016WV001	16	30.0(1.181)	32.75(1.289)	33.98(1.338)

Part Code Information:

2010-WW XX YYY

① ② ③ ④

① Series Name

② Circuits Number

02~16

③ Product Type

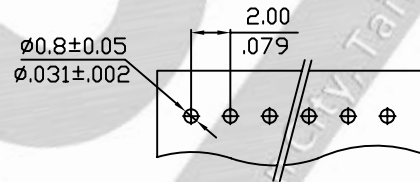
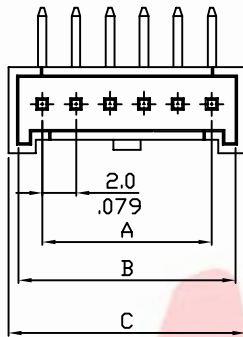
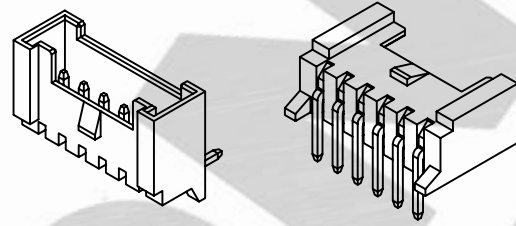
WV=Wafer (Vertical type)

④ Material/Finishing/Color

001=NY66 UL94V0,Natural Color

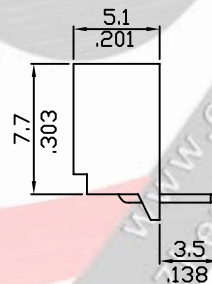
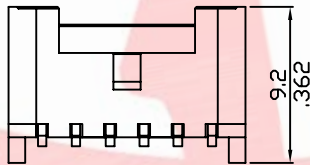
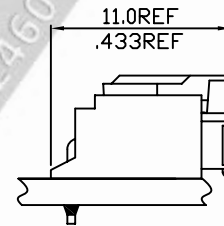
Wafer (Right angle type)

1. Part No.: 2010xxWR001
2. Part Name: 2010 Wafer
3. Material: Nylon 66 UL 94V0
4. 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	Dim C
201002WR001	2	2.0(.079)	4.75(.187)	5.98(.235)
201003WR001	3	4.0(.157)	6.75(.266)	7.98(.314)
201004WR001	4	6.0(.236)	8.75(.344)	9.98(.393)
201005WR001	5	8.0(.315)	10.75(.423)	11.98(.472)
201006WR001	6	10.0(.394)	12.75(.502)	13.98(.550)
201007WR001	7	12.0(.472)	14.75(.581)	15.98(.629)
201008WR001	8	14.0(.551)	16.75(.659)	17.98(.708)
201009WR001	9	16.0(.630)	18.75(.738)	19.98(.787)

Part No.	Circuits	Dim A	Dim B	Dim C
201010WR001	10	18.0(.709)	20.75(.817)	21.98(.865)
201011WR001	11	20.0(.787)	22.75(.896)	23.98(.944)
201012WR001	12	22.0(.866)	24.75(.974)	25.98(1.023)
201013WR001	13	24.0(.945)	26.75(1.053)	27.98(1.102)
201014WR001	14	26.0(1.024)	28.75(1.132)	29.98(1.180)
201015WR001	15	28.0(1.102)	30.75(1.211)	31.98(1.259)
201016WR001	15	30.0(1.181)	32.75(1.289)	33.98(1.338)

Part Code Information:

2010-WW XX YYY

① ② ③ ④

① Series Name

② Circuits Number

02~16

③ Product Type

WR=Wafer (Right angle type)

④ Material/Finishing/Color

001=NY66 UL94V0,Natural Color