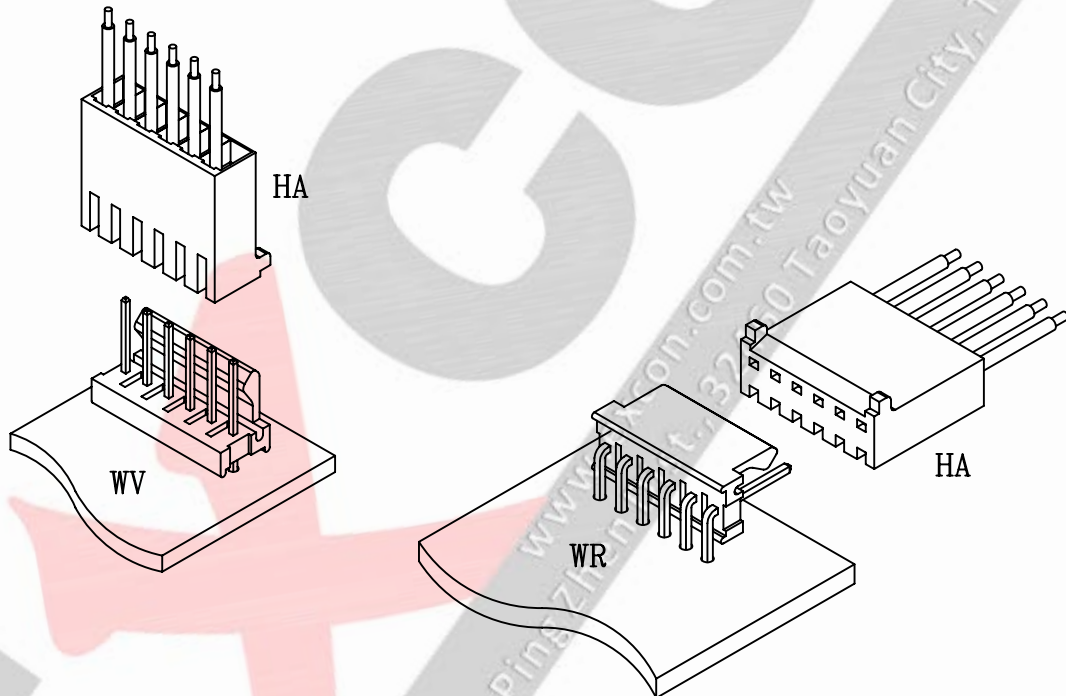


■ Specifications

1. Current rating: 3A 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: -25°C to +105°C
7. Applicable PC board thickness: 1.0~1.6mm(.039" to .063")
8. Applicable wires: AWG#26-#22
Insulation O.D.: 0.9-1.65mm
9. Circuits: 2~20 circuits available



Part Code Information:

2549-WW XX YYY

① ② ③ ④

① Series Name

② Circuits Number

02~20

00 For Terminal

③ Product Type

HA=Housing

WV=Wafer (Vertical type)

WR=Wafer (Right angle type)

TC=Terminal

④ Material/Finishing/Color

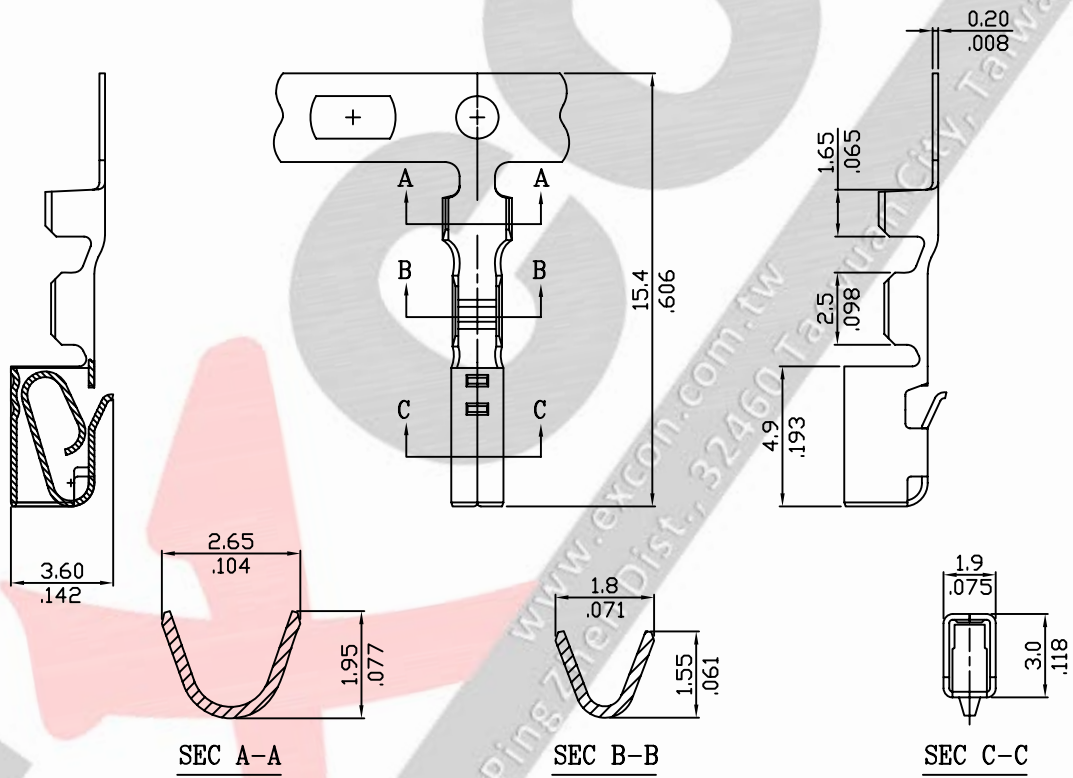
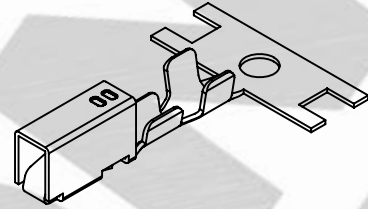
051=Brass,Tin Pre-Plated

351=Phosphor,Tin Pre-Plated

001=NY 66 94V-0,Natural Color

Crimp Terminal

1. Part No.: 254900TC051 , 254900TC351
2. Part Name: 2549 Terminal
3. Material: Phosphor bronze
4. Finishing: Tin pre-plated



Ordering Information and Dimensions:

| Part No. | Wire Range | Insulation O.D. | Material | Finish | Q'ty/reel |
|-------------|------------|-----------------|----------|----------------|-----------|
| 254900TC051 | AWG#26~#22 | 0.9-1.65mm | Brass | Tin pre-plated | 7,000pcs |
| 254900TC351 | AWG#26~#22 | 0.9-1.65mm | phosphor | Tin pre-plated | 7,000pcs |

Part Code Information:

2549-WW XX YY

① ② ③ ④

① Series Name

② Circuits Number

00 For Terminal

③ Product Type

TC=Terminal

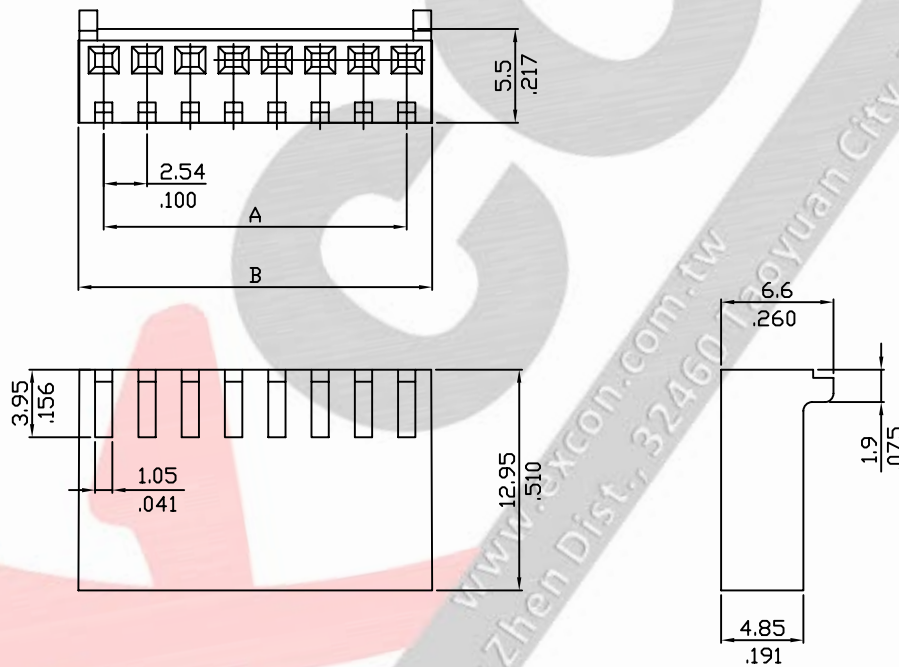
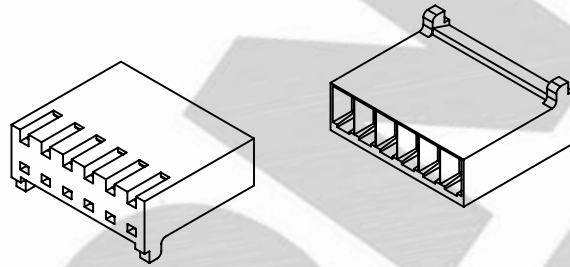
④ Material/Finishing/Color

051=Brass,Tin Pre-Plated

351=Phosphor,Tin Pre-Plated

Housing

1. Part No.: 2549xxHA001
2. Part Name: 2549 Housing
3. Material: Nylon 66 UL 94V0
4. Color: Natural



Ordering Information and Dimensions:

| Part No. | Circuits | Dim A | Dim B | Part No. | Circuits | Dim A | Dim B |
|-------------|----------|--------------|--------------|-------------|----------|--------------|--------------|
| 254902HA001 | 2 | 2.54(.100) | 5.59(.220) | 254912HA001 | 12 | 27.94(1.100) | 30.99(1.220) |
| 254903HA001 | 3 | 5.08(.200) | 8.13(.320) | 254913HA001 | 13 | 30.48(1.200) | 33.53(1.320) |
| 254904HA001 | 4 | 7.62(.300) | 10.67(.420) | 254914HA001 | 14 | 33.02(1.300) | 36.07(1.420) |
| 254905HA001 | 5 | 10.16(.400) | 13.21(.520) | 254915HA001 | 15 | 35.56(1.400) | 38.61(1.520) |
| 254906HA001 | 6 | 12.70(.500) | 15.75(.620) | 254916HA001 | 16 | 38.10(1.500) | 41.15(1.620) |
| 254907HA001 | 7 | 15.24(.600) | 18.29(.720) | 254917HA001 | 17 | 40.64(1.600) | 43.69(1.720) |
| 254908HA001 | 8 | 17.78(.700) | 20.83(.820) | 254918HA001 | 18 | 43.18(1.700) | 46.23(1.820) |
| 254909HA001 | 9 | 20.32(.800) | 23.37(.920) | 254919HA001 | 19 | 45.72(1.800) | 48.77(1.920) |
| 254910HA001 | 10 | 22.86(.900) | 25.91(1.020) | 254920HA001 | 20 | 48.26(1.900) | 51.31(2.020) |
| 254911HA001 | 11 | 25.40(1.000) | 28.45(1.120) | | | | |

Part Code Information:

2549-WW XX YY

① ② ③ ④

③ Product Type
HA=Housing

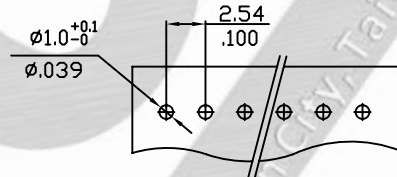
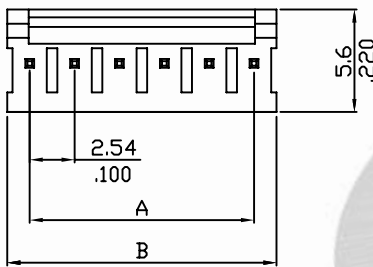
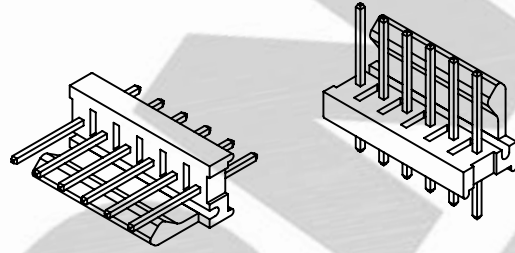
④ Material/Finishing/Color
001=NY 66 94V-0,Natural Color

① Series Name

② Circuits Number
02~20

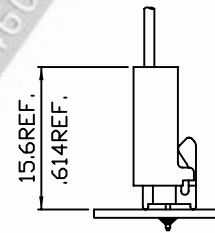
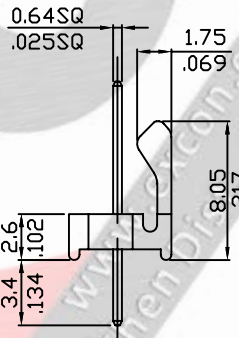
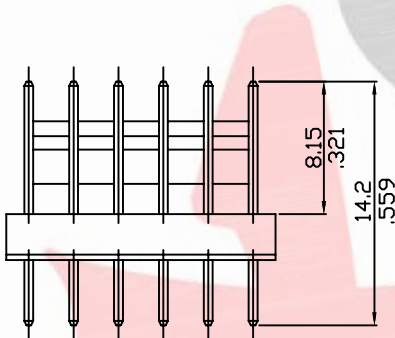
Wafer (Vertical type)

1. Part No.: 2549xxWV001
2. Part Name: 2549 Wafer
3. Material: Nylon 66 UL 94V0
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 |
|-------------|----------|--------------|--------------|-------------|----------|--------------|--------------|
| 254902WV001 | 2 | 2.54(.100) | 5.08(.200) | 254912WV001 | 12 | 27.94(1.100) | 30.48(1.200) |
| 254903WV001 | 3 | 5.08(.200) | 7.62(.300) | 254913WV001 | 13 | 30.48(1.200) | 33.02(1.300) |
| 254904WV001 | 4 | 7.62(.300) | 10.16(.400) | 254914WV001 | 14 | 33.02(1.300) | 35.56(1.400) |
| 254905WV001 | 5 | 10.16(.400) | 12.70(.500) | 254915WV001 | 15 | 35.56(1.400) | 38.10(1.500) |
| 254906WV001 | 6 | 12.70(.500) | 15.24(.600) | 254916WV001 | 16 | 38.10(1.500) | 40.64(1.600) |
| 254907WV001 | 7 | 15.24(.600) | 17.78(.700) | 254917WV001 | 17 | 40.64(1.600) | 43.18(1.700) |
| 254908WV001 | 8 | 17.78(.700) | 20.32(.800) | 254918WV001 | 18 | 43.18(1.700) | 45.72(1.800) |
| 254909WV001 | 9 | 20.32(.800) | 22.86(.900) | 254919WV001 | 19 | 45.72(1.800) | 48.26(1.900) |
| 254910WV001 | 10 | 22.86(.900) | 25.40(1.000) | 254920WV001 | 20 | 48.26(1.900) | 50.80(2.000) |
| 254911WV001 | 11 | 25.40(1.000) | 27.94(1.100) | | | | |

Part Code Information:

2549-WW XX YY

① ② ③ ④

③ Product Type
WV=Wafer (Vertical type)

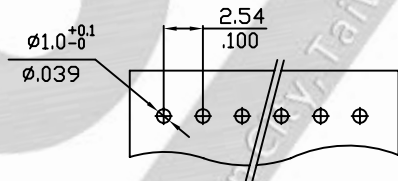
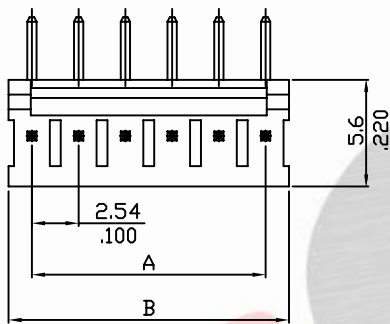
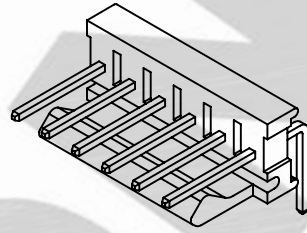
④ Material/Finishing/Color
001=NY 66 94V-0,Natural Color

① Series Name

② Circuits Number
02~20

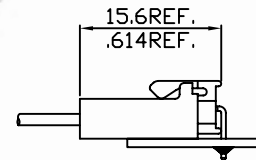
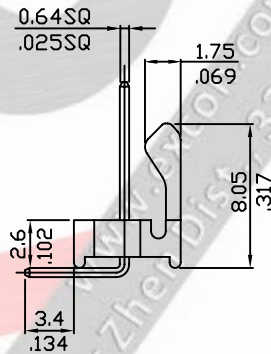
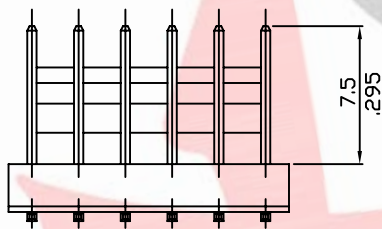
Wafer (Right angle type)

1. Part No.: 2549xxWR001
2. Part Name: 2549 Wafer
3. Material: Nylon 66 UL 94V0
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 |
|-------------|----------|--------------|--------------|-------------|----------|--------------|--------------|
| 254902WR001 | 2 | 2.54(.100) | 5.08(.200) | 254912WR001 | 12 | 27.94(1.100) | 30.48(1.200) |
| 254903WR001 | 3 | 5.08(.200) | 7.62(.300) | 254913WR001 | 13 | 30.48(1.200) | 33.02(1.300) |
| 254904WR001 | 4 | 7.62(.300) | 10.16(.400) | 254914WR001 | 14 | 33.02(1.300) | 35.56(1.400) |
| 254905WR001 | 5 | 10.16(.400) | 12.70(.500) | 254915WR001 | 15 | 35.56(1.400) | 38.10(1.500) |
| 254906WR001 | 6 | 12.70(.500) | 15.24(.600) | 254916WR001 | 16 | 38.10(1.500) | 40.64(1.600) |
| 254907WR001 | 7 | 15.24(.600) | 17.78(.700) | 254917WR001 | 17 | 40.64(1.600) | 43.18(1.700) |
| 254908WR001 | 8 | 17.78(.700) | 20.32(.800) | 254918WR001 | 18 | 43.18(1.700) | 45.72(1.800) |
| 254909WR001 | 9 | 20.32(.800) | 22.86(.900) | 254919WR001 | 19 | 45.72(1.800) | 48.26(1.900) |
| 254910WR001 | 10 | 22.86(.900) | 25.40(1.000) | 254920WR001 | 20 | 48.26(1.900) | 50.80(2.000) |
| 254911WR001 | 11 | 25.40(1.000) | 27.94(1.100) | | | | |

Part Code Information:

2549-WW XX YY

① ② ③ ④

③ Product Type

WR=Wafer (Right angle type)

④ Material/Finishing/Color

001=NY 66 94V-0,Natural Color

① Series Name

② Circuits Number

02~20