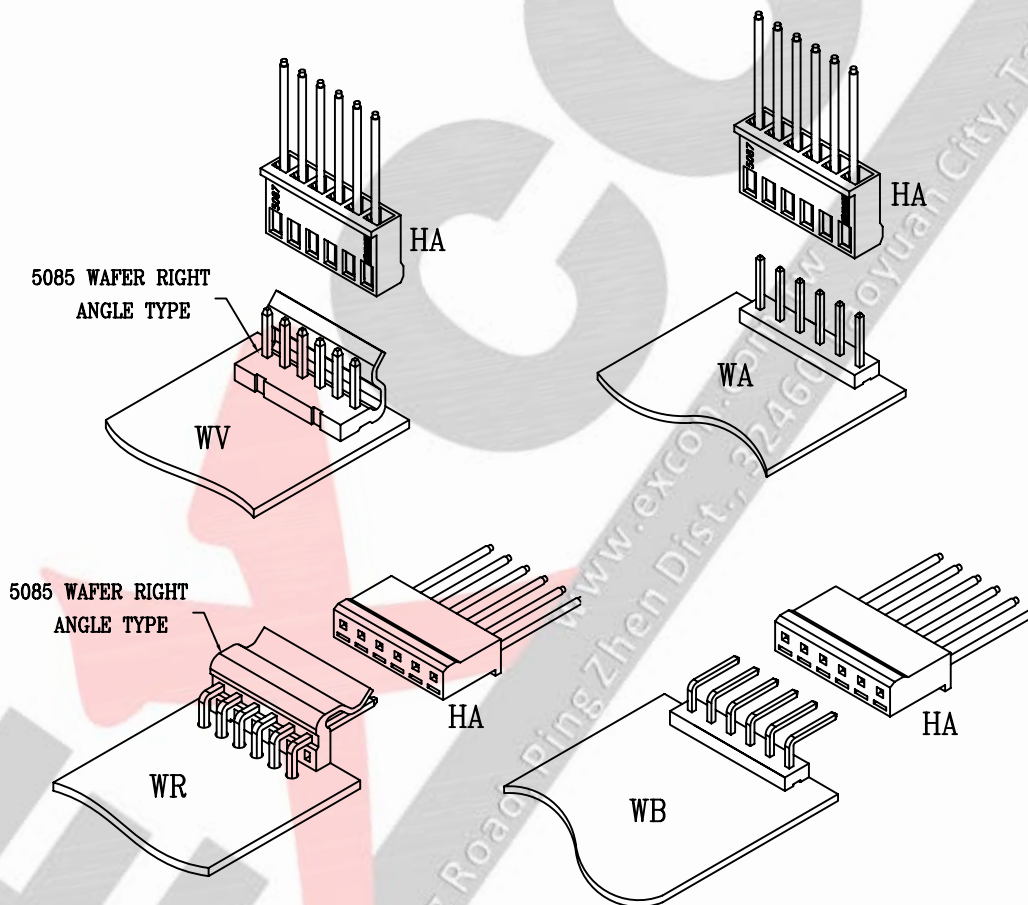


■ Specifications

1. Current rating: 5A AC/DC
2. Voltage rating: 250V AC/DC
3. Withstand voltage: 1000V AC/minute
4. Insulation resistance: 1000MΩ min
5. Contact resistance: 20mΩ 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#24-#18
Insulation O.D.: 1.3-3.2mm
9. Circuits: 2~12 circuits available



Part Code Information:

5087-WW XX YY

① ② ③ ④

① Series Name

② Circuits Number
02~12

00 For Terminal

③ Product Type

HA=Housing

WA=Wafer (Vertical type)

WR=Wafer (Right angle type)

TC=Terminal

TS=Terminal

④ Material/Finishing/Color

351=Phosphor,Tin Pre-Plated

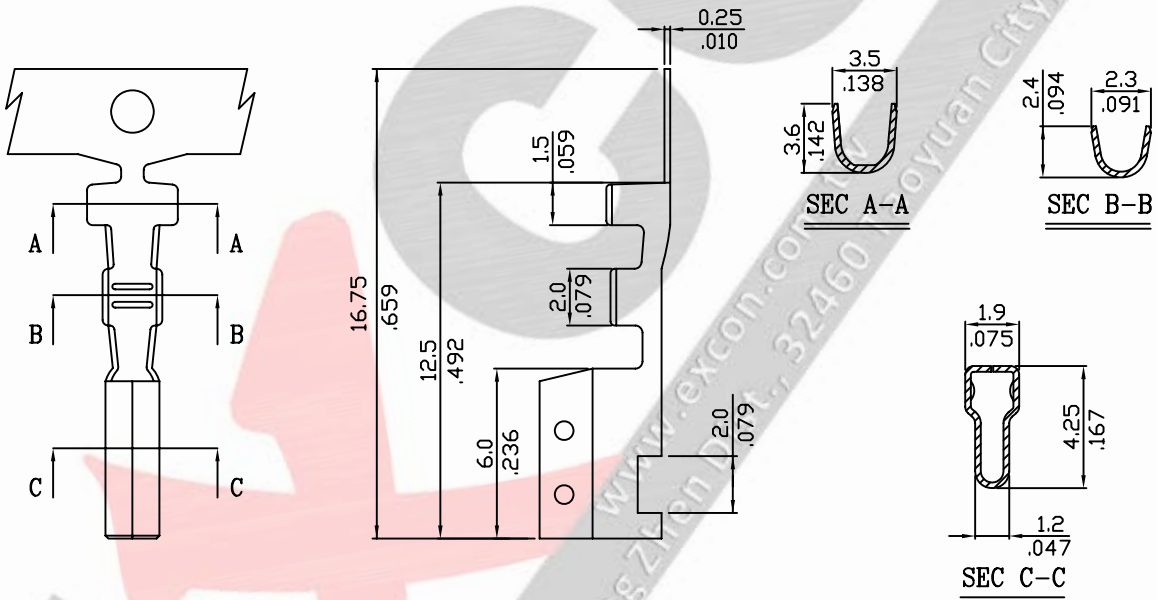
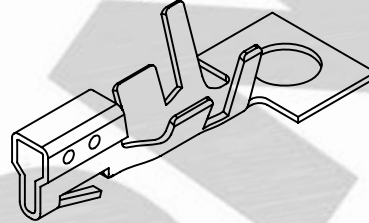
051=Brass,Tin Pre-Plated

051=NY 66 94V2,Natural Color

001=NY 66 94V0,Natural Color

Crimp Terminal

1. Part No.: 508700TC051,508700TC351
2. Part Name: 5087 Terminal
3. Material: Brass/Phosphor bronze
4. Finishing: Tin pre-plated



Ordering Information and Dimensions:

Part No.	Wire Range	Insulation O.D.	Material	Finishing	Q'ty/reel
508700TC051	AWG#24~#18	1.3-3.2mm	Brass	Tin pre-plated	5,000pcs
508700TC351	AWG#24~#18	1.3-3.2mm	Phosphor	Tin pre-plated	5,000pcs
508700TS051	AWG#28~#22	1.2-2.6mm	Brass	Tin pre-plated	5,000pcs
508700TS351	AWG#28~#22	1.2-2.6mm	Phosphor	Tin pre-plated	5,000pcs

Part Code Information:

5087-WW XX YYY

① ② ③ ④

① Series Name

② Circuits Number

00 For Terminal

③ Product Type

TC=Terminal

TS=Terminal

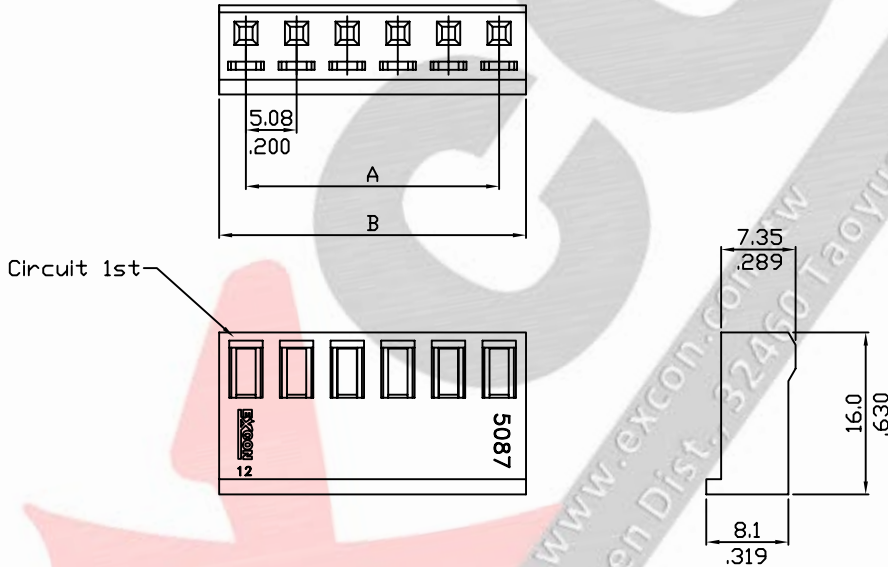
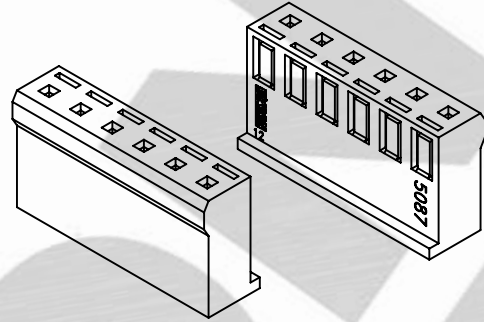
④ Material/Finishing/Color

351=Phosphor,Tin Pre-Plated

051=Brass,Tin Pre-Plated

Housing

1. Part No.: 5087xxHA051,5087xxHA001
2. Part Name: 5087 Housing
3. Material: Nylon 66 UL 94V2/94V0
4. Color: Natural



Ordering Information and Dimensions:

Part No.	Circuits	Dim A	Dim B	Part No.	Circuits	Dim A	Dim B
508702HA051	2	5.08(.200)	10.16(.400)	508708HA051	8	35.56(1.400)	40.64(1.600)
508703HA051	3	10.16(.400)	15.24(.600)	508709HA051	9	40.64(1.600)	45.72(1.800)
508704HA051	4	15.24(.600)	20.32(.800)	508710HA051	10	45.72(1.800)	50.80(2.000)
508705HA051	5	20.32(.800)	25.40(1.000)	508711HA051	11	50.80(2.000)	55.88(2.200)
508706HA051	6	25.40(1.000)	30.48(1.200)	508712HA051	12	55.88(2.200)	60.96(2.400)
508707HA051	7	30.48(1.200)	35.56(1.400)				

Part Code Information:

5087-WW XX YY

① ② ③ ④

① Series Name

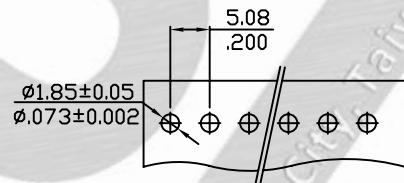
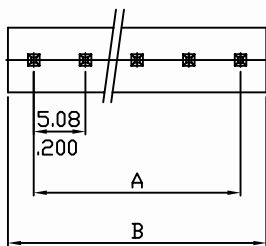
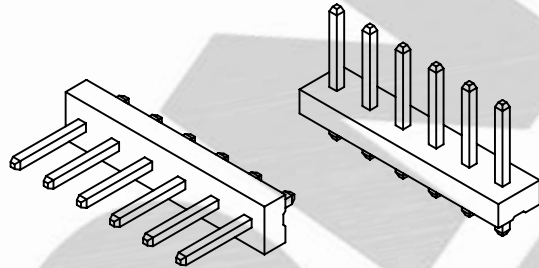
② Circuits Number
02~12

③ Product Type
HA=Housing

④ Material/Finishing/Color
051=NY 66 94V2,Natural Color
001=NY 66 94V0,Natural Color

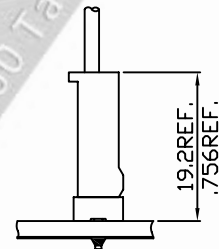
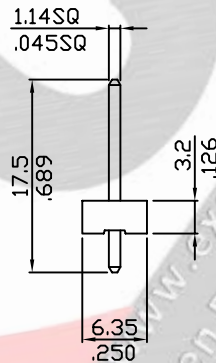
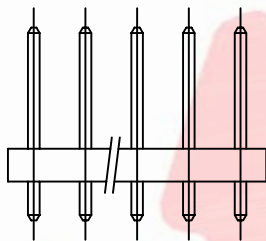
Wafer (Vertical type)

1. Part No.: 5087xxWA051
2. Part Name: 5087 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
508702WA051	2	5.08(.200)	10.16(.400)	508708WA051	8	35.56(1.400)	40.64(1.600)
508703WA051	3	10.16(.400)	15.24(.600)	508709WA051	9	40.64(1.600)	45.72(1.800)
508704WA051	4	15.24(.600)	20.32(.800)	508710WA051	10	45.72(1.800)	50.80(2.000)
508705WA051	5	20.32(.800)	25.40(1.000)	508711WA051	11	50.80(2.000)	55.88(2.200)
508706WA051	6	25.40(1.000)	30.48(1.200)	508712WA051	12	55.88(2.200)	60.96(2.400)
508707WA051	7	30.48(1.200)	35.56(1.400)				

Part Code Information:

5087-WW XX YYY

① ② ③ ④

① Series Name

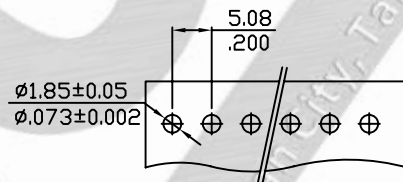
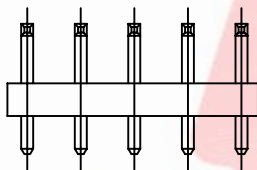
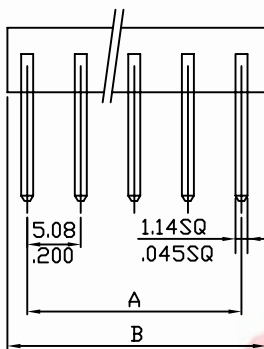
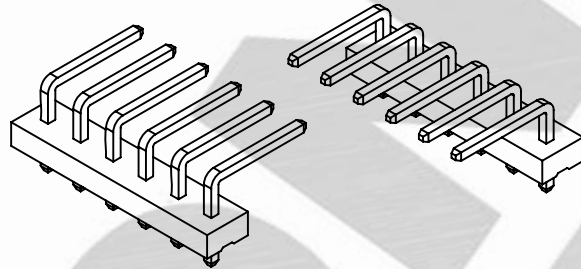
② Circuits Number
02~12

③ Product Type
WA=Wafer (Vertical type)

④ Material/Finishing/Color
051=NY 66 94V2,Natural Color

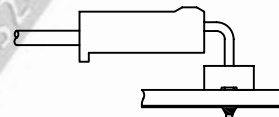
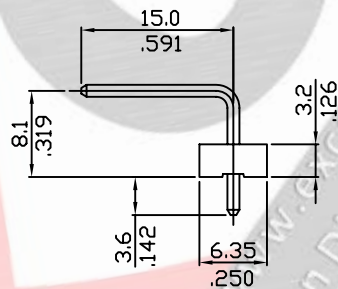
Wafer (Right angle type)

1. Part No.: 5087xxWB051
2. Part Name: 5087 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
508702WB051	2	5.08(.200)	10.16(.400)	508708WB051	8	35.56(1.400)	40.64(1.600)
508703WB051	3	10.16(.400)	15.24(.600)	508709WB051	9	40.64(1.600)	45.72(1.800)
508704WB051	4	15.24(.600)	20.32(.800)	508710WB051	10	45.72(1.800)	50.80(2.000)
508705WB051	5	20.32(.800)	25.40(1.000)	508711WB051	11	50.80(2.000)	55.88(2.200)
508706WB051	6	25.40(1.000)	30.48(1.200)	508712WB051	12	55.88(2.200)	60.96(2.400)
508707WB051	7	30.48(1.200)	35.56(1.400)				

Part Code Information:

5087-WW XX YY

① ② ③ ④

① Series Name

② Circuits Number
02~12

③ Product Type

WR=Wafer (Right angle type)

④ Material/Finishing/Color

051=NY 66 94V2,Natural Color