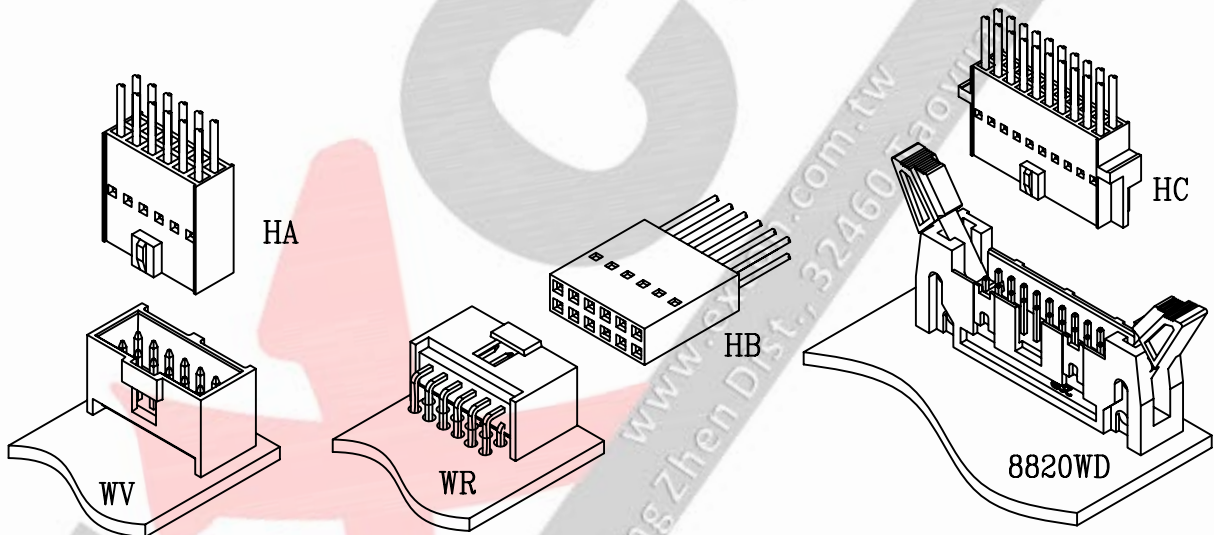


■ Specifications

1. Current rating: 1A AC/DC
2. Voltage rating: 250V AC/DC
3. Withstand voltage: 500V AC/minute
4. Insulation resistance: 1000M Ω min
5. Contact resistance: 20m 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#28-#22
Insulation O.D.: 0.8-1.5mm
9. Circuits: 04~68 circuits available



Part Code Information:

8823-WW XX YY

① ② ③ ④

① Series Name

② Circuits Number

04~64

00 For Terminal

③ Product Type

HA=Housing

WV=Wafer (Vertical type)

WR=Wafer (Right angle type)

TC=Terminal

TS=Terminal

④ Material/Finishing/Color

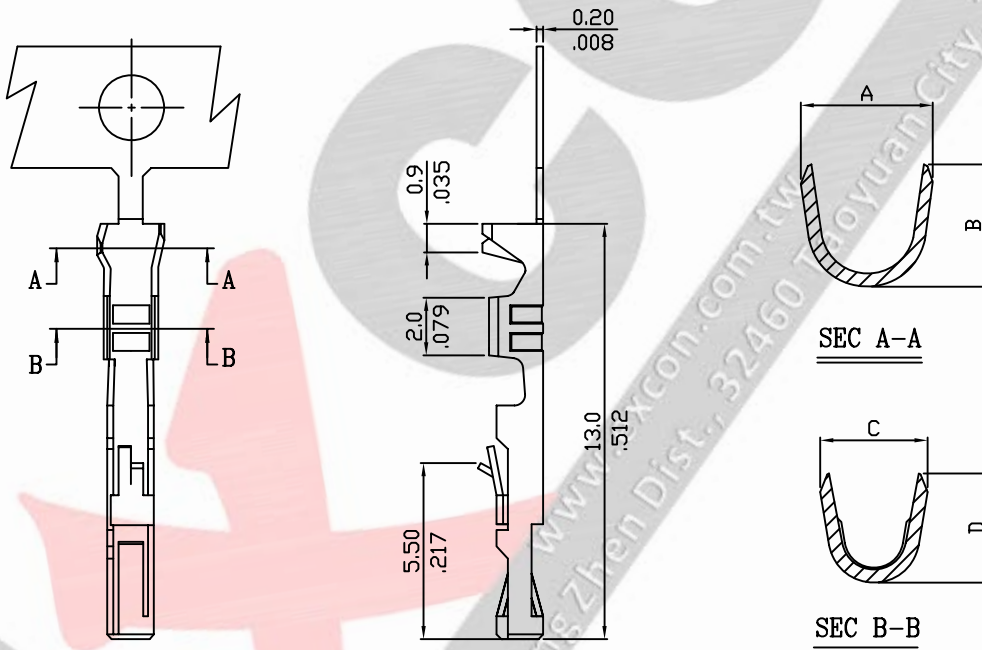
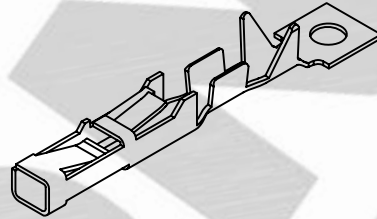
351=Phosphor,Tin Pre-Plated

003=NY66 UL94-V0,Color,Black

203=PBT UL94-V0,Color,Black

Crimp Terminal

1. Part No.: 882300TC351
2. Part Name: 8823 Terminal
3. Material: Phosphor bronze
- Finishing: Tin pre-plated



Ordering Information and Dimensions:

No.	Part No.	DIM (mm)				Wire Range	Insulation O.D.	Material	Q'ty/reel
		A	B	C	D				
1	882300TC351	2.1	1.9	1.7	1.7	AWG#22~#24	1.0-1.5mm	Phosphor	20,000pcs
2	882300TS351	2.0	1.7	1.37	1.37	AWG#26~#28	0.8-1.2mm		

Part Code Information:

8823-WW XX YYY

① ② ③ ④

- ① Series Name
- ② Circuits Number
- 00 For Terminal

③ Product Type

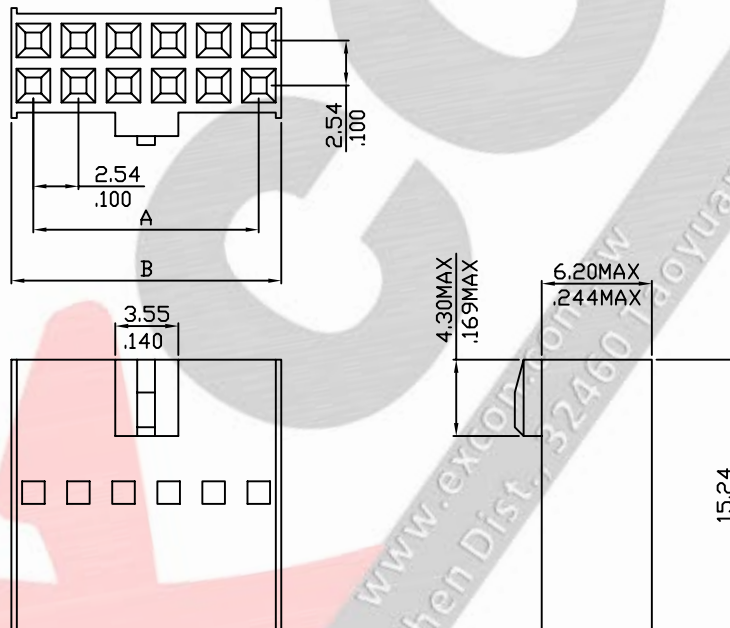
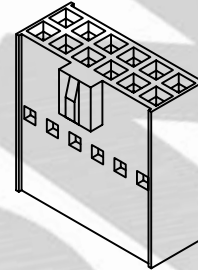
TC=Terminal
TS=Terminal

④ Material/Finishing/Color

351=Phosphor,Tin Pre-Plated

Housing

1. Part No.: 8823xxHA203
2. Part Name: 8823 Housing
3. Material: PBT/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	Part No.	Circuits	Dim A	Dim B
882306HA203	6	5.08(.200)	7.62(.300)	882326HA203	26	30.48(1.200)	33.02(1.300)	882346HA203	46	55.88(2.200)	58.42(2.300)
882308HA203	8	7.62(.300)	10.16(.400)	882328HA203	28	33.02(1.300)	35.56(1.400)	882348HA203	48	58.42(2.300)	60.96(2.400)
882310HA203	10	10.16(.400)	12.70(.500)	882330HA203	30	35.56(1.400)	38.10(1.500)	882350HA203	50	60.96(2.400)	63.50(2.500)
882312HA203	12	12.70(.500)	15.24(.600)	882332HA203	32	38.10(1.500)	40.64(1.600)	882352HA203	52	63.50(2.500)	66.04(2.600)
882314HA203	14	15.24(.600)	17.78(.700)	882334HA203	34	40.64(1.600)	43.18(1.700)	882354HA203	54	66.04(2.600)	68.58(2.700)
882316HA203	16	17.78(.700)	20.32(.800)	882336HA203	36	43.18(1.700)	45.72(1.800)	882356HA203	56	68.58(2.700)	71.12(2.800)
882318HA203	18	20.32(.800)	22.86(.900)	882338HA203	38	45.72(1.800)	48.26(1.900)	882358HA203	58	71.12(2.800)	73.66(2.900)
882320HA203	20	22.86(.900)	25.40(1.000)	882340HA203	40	48.26(1.900)	50.80(2.000)	882360HA203	60	73.66(2.900)	76.20(3.000)
882322HA203	22	25.40(1.000)	27.94(1.100)	882342HA203	42	50.80(2.000)	53.34(2.100)	882362HA203	62	76.20(3.000)	78.74(3.100)
882324HA203	24	27.94(1.100)	30.48(1.200)	882344HA203	44	53.34(2.100)	55.88(2.200)	882364HA203	64	78.74(3.100)	81.28(3.200)

Part Code Information:

8823-WW XX YY

① ② ③ ④

① Series Name

② Circuits Number
06~64

③ Product Type
HA=Housing

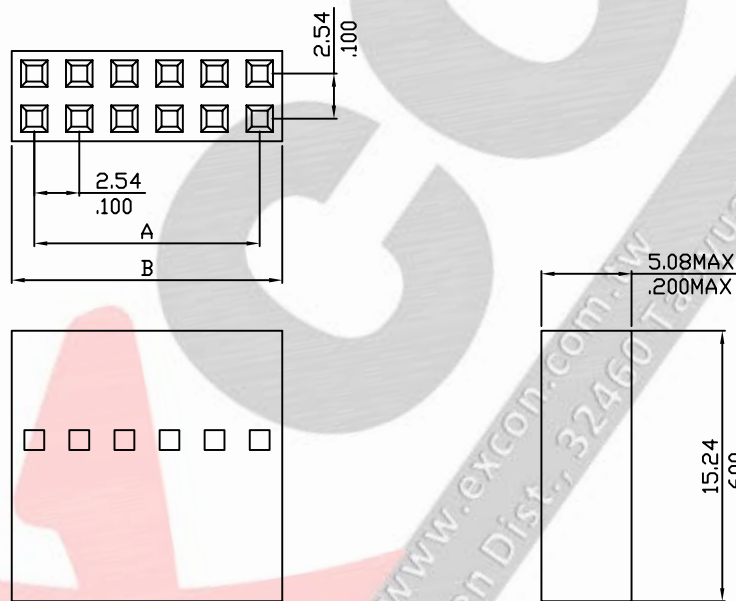
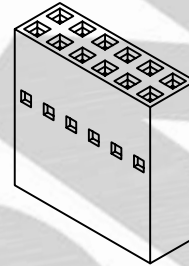
④ Material/Finishing/Color

203=PBT UL94-V0,Color,Black

003=NY66 UL94-V0,Color,Black

Housing

1. Part No.: 8823xxHB203
2. Part Name: 8823 Housing
3. Material: PBT/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	Part No.	Circuits	Dim A	Dim B
882304HB203	4	2.54(.100)	5.08(.200)	882326HB203	26	30.48(1.200)	33.02(1.300)	882348HB203	48	58.42(2.300)	60.96(2.400)
882306HB203	6	5.08(.200)	7.62(.300)	882328HB203	28	33.02(1.300)	35.56(1.400)	882350HB203	50	60.96(2.400)	63.50(2.500)
882308HB203	8	7.62(.300)	10.16(.400)	882330HB203	30	35.56(1.400)	38.10(1.500)	882352HB203	52	63.50(2.500)	66.04(2.600)
882310HB203	10	10.16(.400)	12.70(.500)	882332HB203	32	38.10(1.500)	40.64(1.600)	882354HB203	54	66.04(2.600)	68.58(2.700)
882312HB203	12	12.70(.500)	15.24(.600)	882334HB203	34	40.64(1.600)	43.18(1.700)	882356HB203	56	68.58(2.700)	71.12(2.800)
882314HB203	14	15.24(.600)	17.78(.700)	882336HB203	36	43.18(1.700)	45.72(1.800)	882358HB203	58	71.12(2.800)	73.66(2.900)
882316HB203	16	17.78(.700)	20.32(.800)	882338HB203	38	45.72(1.800)	48.26(1.900)	882360HB203	60	73.66(2.900)	76.20(3.000)
882318HB203	18	20.32(.800)	22.86(.900)	882340HB203	40	48.26(1.900)	50.80(2.000)	882362HB203	62	76.20(3.000)	78.74(3.100)
882320HB203	20	22.86(.900)	25.40(1.000)	882342HB203	42	50.80(2.000)	53.34(2.100)	882364HB203	64	78.74(3.100)	81.28(3.200)
882322HB203	22	25.40(1.000)	27.94(1.100)	882344HB203	44	53.34(2.100)	55.88(2.200)				
882324HB203	24	27.94(1.100)	30.48(1.200)	882346HB203	46	55.88(2.200)	58.42(2.300)				

Part Code Information:

8823-WW XX YY

① ② ③ ④

① Series Name

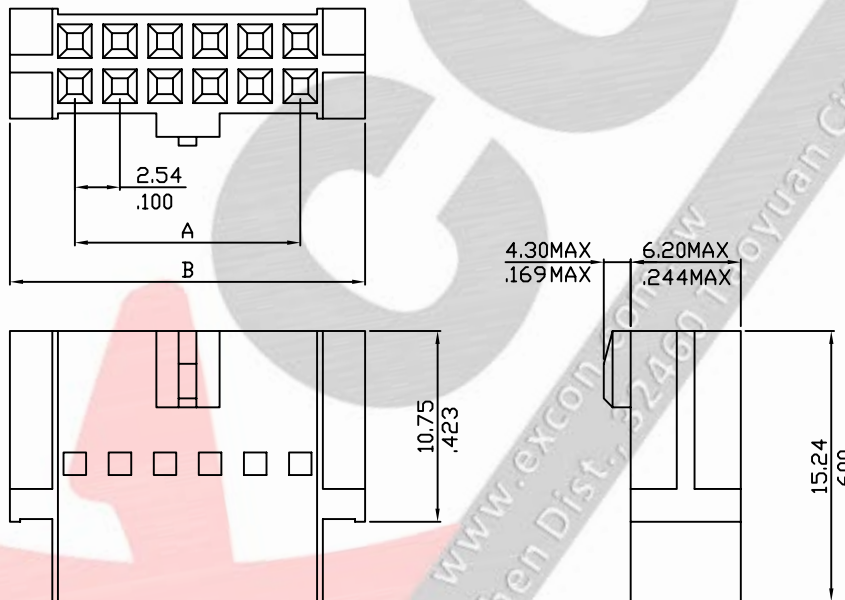
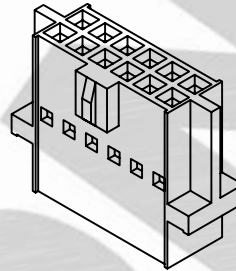
② Circuits Number
04~64

③ Product Type
HB=Housing,

④ Material/Finishing/Color
203=PBT UL94-V0,Color,Black
003=NY66 UL94-V0,Color,Black

Housing

1. Part No.: 8823xxHC203
2. Part Name: 8823 Housing
3. Material: PBT/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
882308HC203	8	7.62(.300)	10.16(.400)	882326HC203	26	30.48(1.200)	33.02(1.300)
882310HC203	10	10.16(.400)	12.70(.500)	882334HC203	34	40.64(1.600)	43.18(1.700)
882312HC203	12	12.70(.500)	15.24(.600)	882340HC203	40	48.26(1.900)	50.80(2.000)
882314HC203	14	15.24(.600)	17.78(.700)	882350HC203	50	60.96(2.400)	63.50(2.500)
882316HC203	16	17.78(.700)	20.32(.800)	882360HC203	60	73.66(2.900)	76.20(3.000)
882318HC203	18	20.32(.800)	22.86(.900)	882364HC203	64	78.74(3.100)	81.28(3.200)

Part Code Information:

8823-WW XX YY

① ② ③ ④

① Series Name

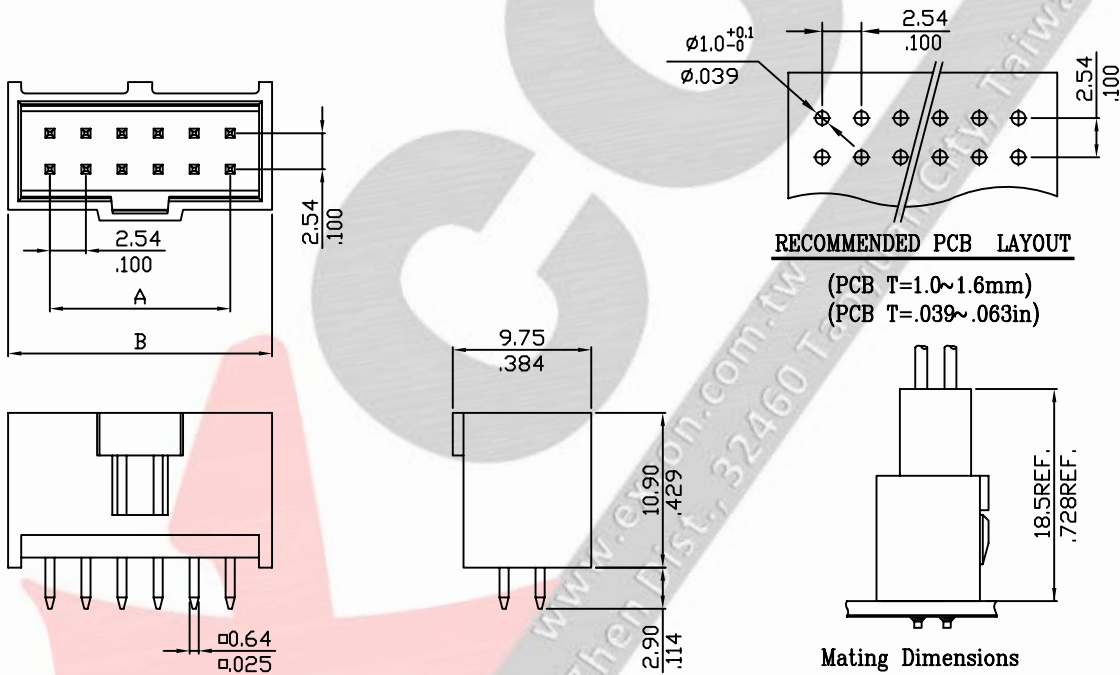
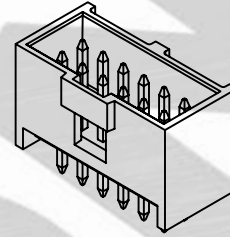
② Circuits Number
08~64

③ Product Type
HC=Housing,

④ Material/Finishing/Color
203=PBT UL94-V0,Color,Black
003=NY66 UL94-V0,Color,Black

Wafer (Vertical type)

1. Part No.: 8823xxWV003
2. Part Name: 8823 Wafer
3. Material: PBT/Nylon 66 UL 94V0
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	Part No.	Circuits	Dim A	Dim B
882306WV003	6	5.08(.200)	9.96(.392)	882328WV003	28	33.02(1.300)	37.90(1.492)	882350WV003	50	60.96(2.400)	65.84(2.592)
882308WV003	8	7.62(.300)	12.50(.492)	882330WV003	30	35.56(1.400)	40.44(1.592)	882352WV003	52	63.50(2.500)	68.38(2.692)
882310WV003	10	10.16(.400)	15.04(.592)	882332WV003	32	38.10(1.500)	42.98(1.692)	882354WV003	54	66.04(2.600)	70.92(2.792)
882312WV003	12	12.70(.500)	17.58(.692)	882334WV003	34	40.64(1.600)	45.52(1.792)	882356WV003	56	68.58(2.700)	73.46(2.892)
882314WV003	14	15.24(.600)	20.12(.792)	882336WV003	36	43.18(1.700)	48.06(1.892)	882358WV003	58	71.12(2.800)	76.00(2.992)
882316WV003	16	17.78(.700)	22.66(.892)	882338WV003	38	45.72(1.800)	50.60(1.992)	882360WV003	60	73.66(2.900)	78.54(3.092)
882318WV003	18	20.32(.800)	25.20(.992)	882340WV003	40	48.26(1.900)	53.14(2.092)	882362WV003	62	76.20(3.000)	81.08(3.192)
882320WV003	20	22.86(.900)	27.74(1.092)	882342WV003	42	50.80(2.000)	55.68(2.192)	882364WV003	64	78.74(3.100)	83.62(3.292)
882322WV003	22	25.40(1.000)	30.28(1.192)	882344WV003	44	53.34(2.100)	58.22(2.292)	882366WV003	66	81.28(3.200)	86.16(3.392)
882324WV003	24	27.94(1.100)	32.82(1.292)	882346WV003	46	55.88(2.200)	60.76(2.392)	882368WV003	68	83.82(3.300)	88.70(3.492)
882326WV003	26	30.48(1.200)	35.36(1.392)	882348WV003	48	58.42(2.300)	63.30(2.492)				

Part Code Information:

8823-WW XX YY

① ② ③ ④

① Series Name

② Circuits Number

06~68

③ Product Type

WV=Wafer (Vertical type)

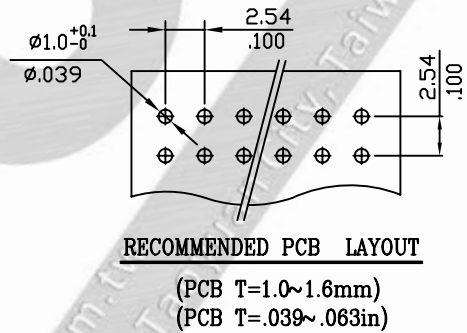
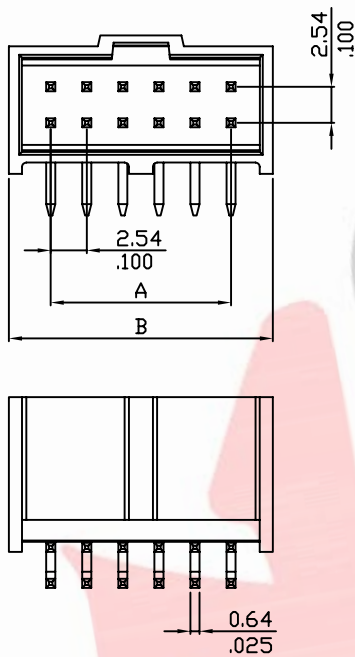
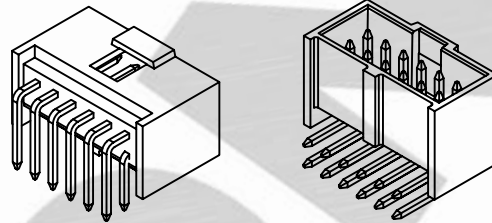
④ Material/Finishing/Color

003=NY66 UL94-V0,Color,Black

203=PBT UL94-V0,Color,Black

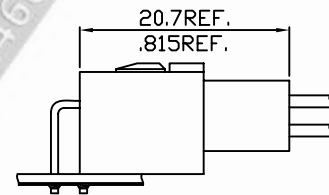
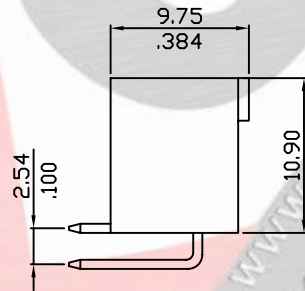
Wafer (Right angle type)

1. Part No.: 8823xxWR003
2. Part Name: 8823 Wafer
3. Material: PBT/Nylon 66 UL 94V0
Pin: Brass bronze, Gold plated
4. Color: Black



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	Part No.	Circuits	Dim A	Dim B
882306WR003	6	5.08(.200)	9.96(.392)	882328WR003	28	33.02(1.300)	37.90(1.492)	882350WR003	50	60.96(2.400)	65.84(2.592)
882308WR003	8	7.62(.300)	12.50(.492)	882330WR003	30	35.56(1.400)	40.44(1.592)	882352WR003	52	63.50(2.500)	68.38(2.692)
882310WR003	10	10.16(.400)	15.04(.592)	882332WR003	32	38.10(1.500)	42.98(1.692)	882354WR003	54	66.04(2.600)	70.92(2.792)
882312WR003	12	12.70(.500)	17.58(.692)	882334WR003	34	40.64(1.600)	45.52(1.792)	882356WR003	56	68.58(2.700)	73.46(2.892)
882314WR003	14	15.24(.600)	20.12(.792)	882336WR003	36	43.18(1.700)	48.06(1.892)	882358WR003	58	71.12(2.800)	76.00(2.992)
882316WR003	16	17.78(.700)	22.66(.892)	882338WR003	38	45.72(1.800)	50.60(1.992)	882360WR003	60	73.66(2.900)	78.54(3.092)
882318WR003	18	20.32(.800)	25.20(.992)	882340WR003	40	48.26(1.900)	53.14(2.092)	882362WR003	62	76.20(3.000)	81.08(3.192)
882320WR003	20	22.86(.900)	27.74(1.092)	882342WR003	42	50.80(2.000)	55.68(2.192)	882364WR003	64	78.74(3.100)	83.62(3.292)
882322WR003	22	25.40(1.000)	30.28(1.192)	882344WR003	44	53.34(2.100)	58.22(2.292)	882366WR003	66	81.28(3.200)	86.16(3.392)
882324WR003	24	27.94(1.100)	32.82(1.292)	882346WR003	46	55.88(2.200)	60.76(2.392)	882368WR003	68	83.82(3.300)	88.70(3.492)
882326WR003	26	30.48(1.200)	35.36(1.392)	882348WR003	48	58.42(2.300)	63.30(2.492)				

Part Code Information:

8823-WW XX YY

① ② ③ ④

① Series Name

② Circuits Number
06~68

③ Product Type
WR=Wafer (Right angle type)

④ Material/Finishing/Color
003=NY66 UL94-V0,Color,Black
203=PBT UL94-V0,Color,Black