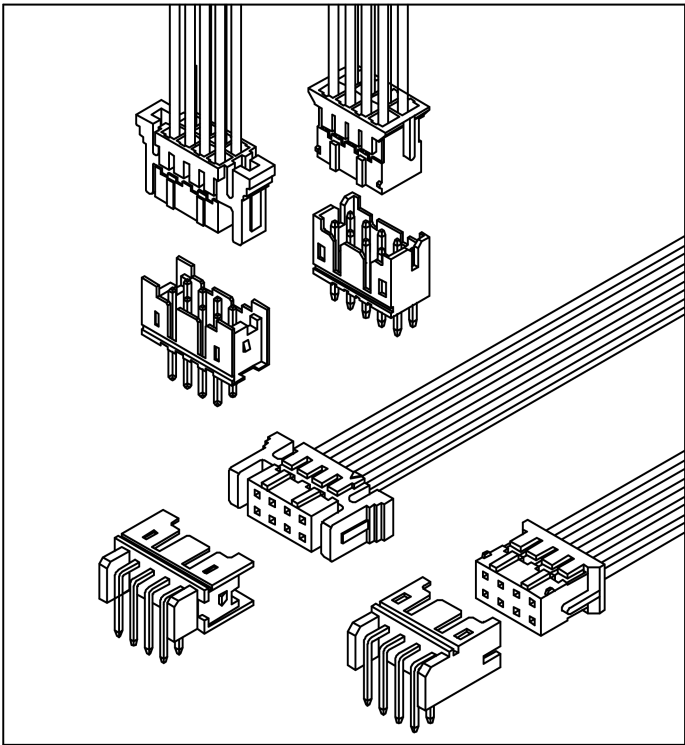




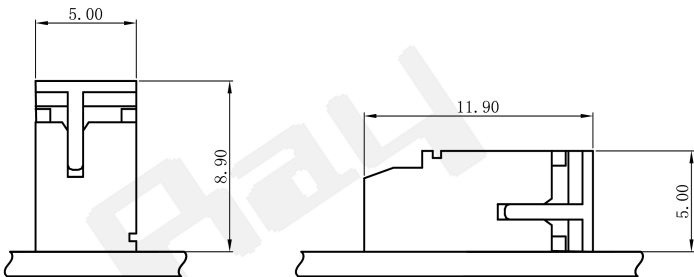
MR-A2004 Series 2.00mm Pitch Series Wire to Board Connectors



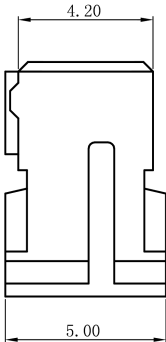
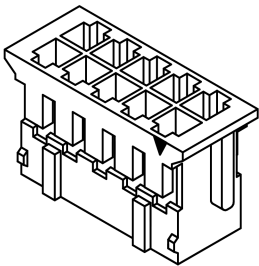
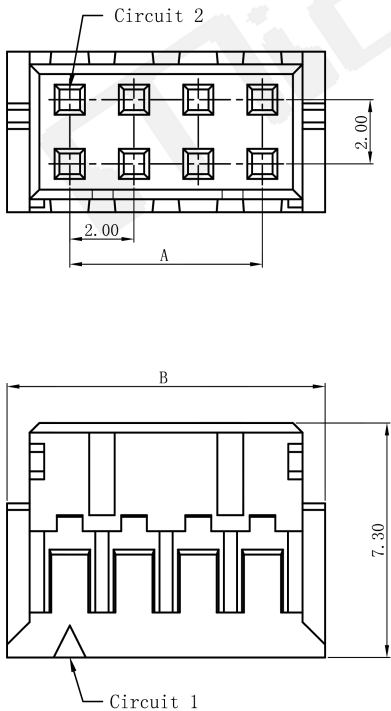
SPECIFICATIONS:

- Voltage Rating: 250V AC/DC
- Current Rating: 3A AC/DC
- Withstanding Voltage: 800V AC/Minute
- Temperature Range: -25°C~+85°C
- Insulation Resistance: 1000MΩ Min.
- Contact Resistance: 10mΩ Max.
- Applicable Wire Range: AWG#22~28.

Assembly Layout:



MR-A2004H-2NP-N0XX 2.00mm Pitch Dual Row Housing



- Reference Information:
- *Material:
 - Housing: PA66 UL94V-0 / Natural or Black
 - *Suitable MR-A2004 series Terminal
 - *Mates with MR-A2004 series Wafer

Ordering Information & Dimensions

Poles	Dimensions (mm)	
	A	B
2*2	2.00	6.00
2*3	4.00	8.00
2*4	6.00	10.00
2*5	8.00	12.00
2*6	10.00	14.00
2*7	12.00	16.00
2*8	14.00	18.00
2*9	16.00	20.00
2*10	18.00	22.00
2*11	20.00	24.00
2*12	22.00	26.00
2*13	24.00	28.00
2*14	26.00	30.00
2*15	28.00	32.00
2*16	30.00	34.00
2*17	32.00	36.00
2*18	34.00	38.00
2*19	36.00	40.00
2*20	38.00	42.00



TITLE 2.00mm PITCH WIRE-TO-BOARD CONNECTOR

SIZE A3

DWG NO MR-A2004

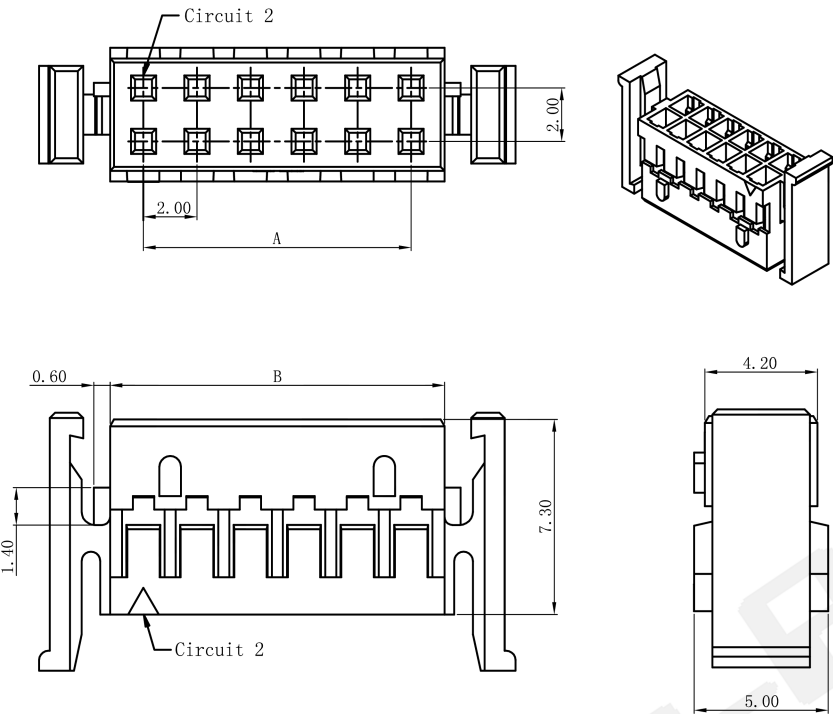
REV 0

SHEET 1



MR-A2004 Series 2.00mm Pitch Series Wire to Board Connectors

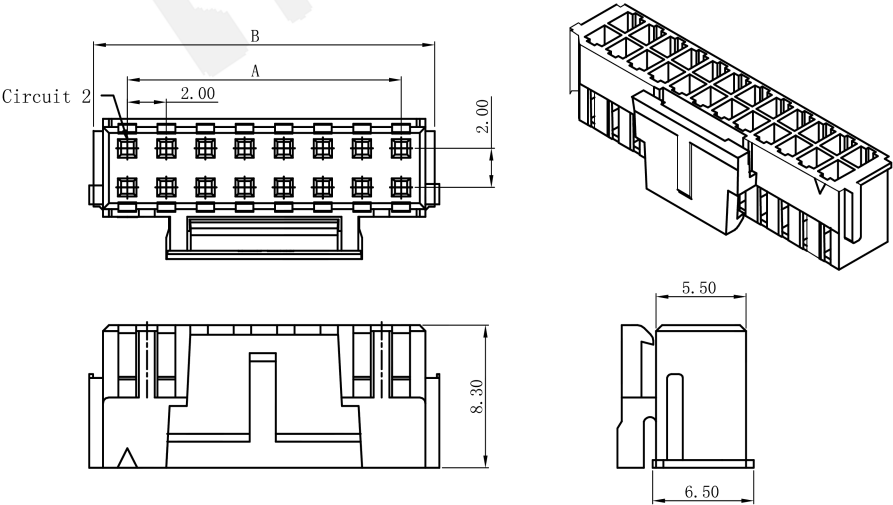
MR-A2004HA-2NP-N0WT 2.00mm Pitch Dual Row Housing



Reference Information:
*Material:
Housing: PA66 UL94V-0 / White
*Suitable MR-A2004 series Terminal
*Mates with MR-A2004 series Wafer
Ordering Information & Dimensions

Poles	Dimensions (mm)	
	A	B
2*2	2.00	4.50
2*3	4.00	6.50
2*4	6.00	8.50
2*5	8.00	10.50
2*6	10.00	12.50
2*7	12.00	14.50
2*8	14.00	16.50
2*9	16.00	18.50
2*10	18.00	20.50
2*11	20.00	22.50
2*12	22.00	24.50
2*13	24.00	26.50
2*14	26.00	28.50
2*15	28.00	30.50
2*16	30.00	32.50
2*17	32.00	34.50
2*18	34.00	36.50
2*19	36.00	38.50
2*20	38.00	40.50

MR-A2004HB-2NP-N0NA 2.00mm Pitch Dual Row Housing



Reference Information:
*Material:
Housing: PA66 UL94V-0 / Natural
*Suitable MR-A2004 series Terminal
*Mates with MR-A2004 series Wafer
Ordering Information & Dimensions

Poles	Dimensions (mm)	
	A	B
2*4	6.00	9.90
2*5	8.00	11.90
2*6	10.00	13.90
2*7	12.00	15.90
2*8	14.00	17.90
2*9	16.00	19.90
2*10	18.00	21.90
2*11	20.00	23.90
2*12	22.00	25.90
2*13	24.00	27.90
2*14	26.00	29.90
2*15	28.00	31.90
2*16	30.00	33.90
2*17	32.00	35.90
2*18	34.00	37.90
2*19	36.00	39.90
2*20	38.00	41.90

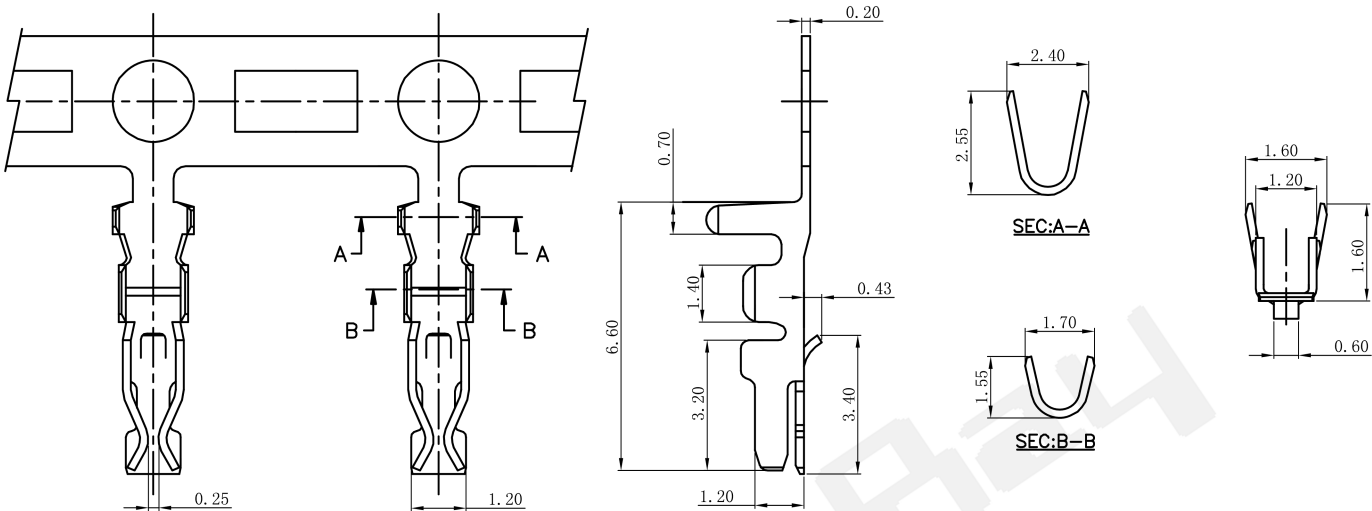


MR-A2004 Series 2.00mm Pitch Series Wire to Board Connectors

MR-A2004TF-PT1

2.00mm Pitch Terminal

Reference Information:
*Material: Phosphor Bronze / Tin-plated
*Mates with MR-A2004 series Housing



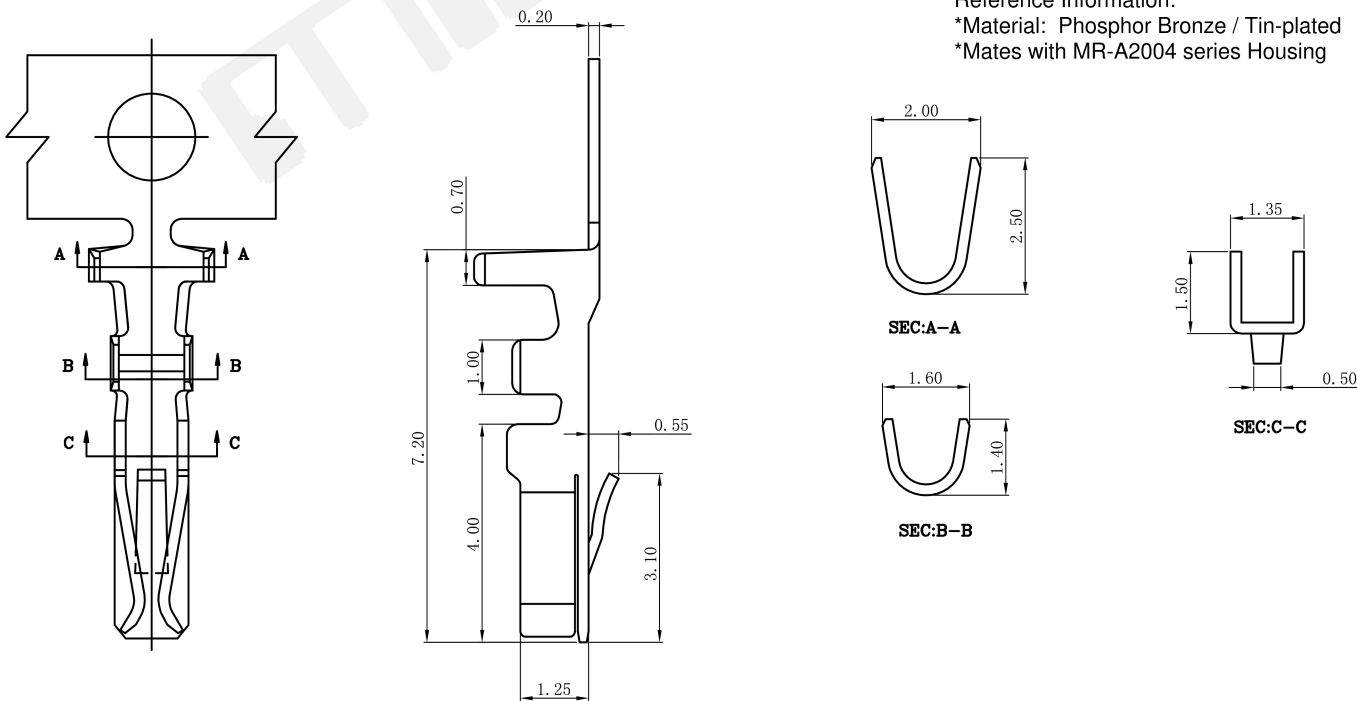
Ordering Information & Specifications

Part No	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
MR-A2004TF-PT1	AWG#22-#28	1.50mm(max)	Phosphor Bronze	Tin-plated	10,000pcs

MR-A2004TFB-PT1

2.00mm Pitch Terminal

Reference Information:
*Material: Phosphor Bronze / Tin-plated
*Mates with MR-A2004 series Housing



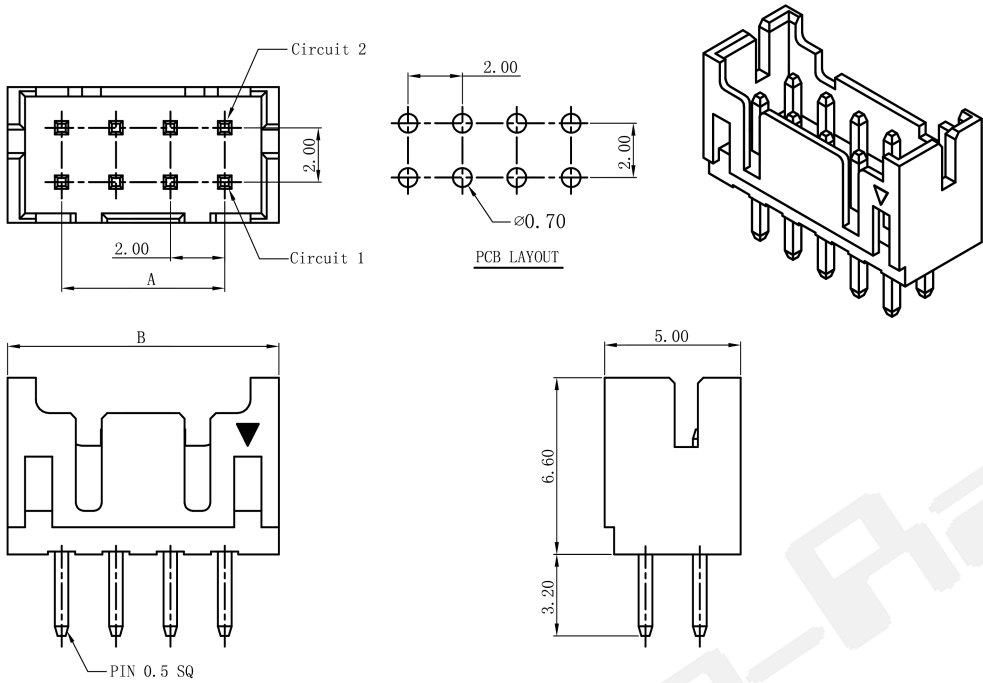
Ordering Information & Specifications

Part No	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
MR-A2004TFB	AWG#22-#28	1.50mm(max)	Phosphor Bronze	Tin-plated	10,000pcs

Micro-Ray			
TITLE 2.00mm PITCH WIRE-TO-BOARD CONNECTOR			
SIZE A3	DWG NO MR-A2004	REV 0	SHEET 3

Micro-Ray MR-A2004 Series 2.00mm Pitch Series Wire to Board Connectors

MR-A2004WV-2NP-N0XXT 2.00mm Pitch 180° Dual Row Wafer

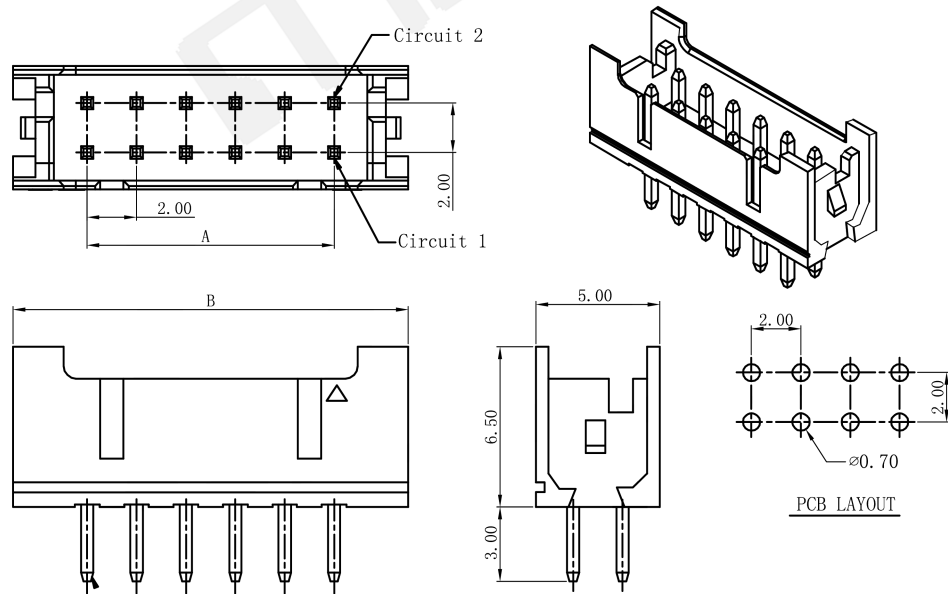


Reference Information:
*Material:
PIN: Brass / Tin-plated
Wafer: PA66, UL94V-0 / Natural or Brown
*Suitable MR-A2004 series Housing

Ordering Information & Dimensions

Poles	Dimensions (mm)	
	A	B
2*2	2.00	6.00
2*3	4.00	8.00
2*4	6.00	10.00
2*5	8.00	12.00
2*6	10.00	14.00
2*7	12.00	16.00
2*8	14.00	18.00
2*9	16.00	20.00
2*10	18.00	22.00
2*11	20.00	24.00
2*12	22.00	26.00
2*13	24.00	28.00
2*14	26.00	30.00
2*15	28.00	32.00
2*16	30.00	34.00
2*17	32.00	36.00
2*18	34.00	38.00
2*19	36.00	40.00
2*20	38.00	42.00

MR-A2004WVA-2NP-N0NAT 2.00mm Pitch 180° Dual Row Wafer



Reference Information:
*Material:
PIN: Brass / Tin-plated
Wafer: PA66, UL94V-0 / Natural
*Suitable MR-A2004 series Housing

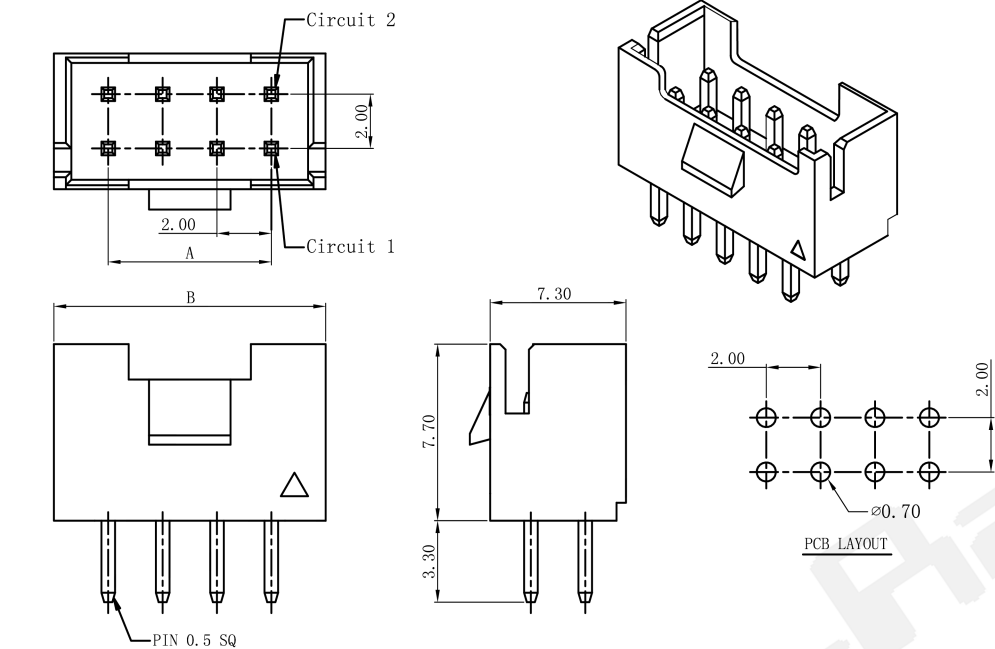
Ordering Information & Dimensions

Poles	Dimensions (mm)	
	A	B
2*2	2.00	8.00
2*3	4.00	10.00
2*4	6.00	12.00
2*5	8.00	14.00
2*6	10.00	16.00
2*7	12.00	18.00
2*8	14.00	20.00
2*9	16.00	22.00
2*10	18.00	24.00
2*11	20.00	26.00
2*12	22.00	28.00
2*13	24.00	30.00
2*14	26.00	32.00
2*15	28.00	34.00
2*16	30.00	36.00
2*17	32.00	38.00
2*18	34.00	40.00
2*19	36.00	42.00
2*20	38.00	44.00



MR-A2004 Series 2.00mm Pitch Series Wire to Board Connectors

MR-A2004WVB-2NP-46NAT 2.00mm Pitch 180° Dual Row Wafer



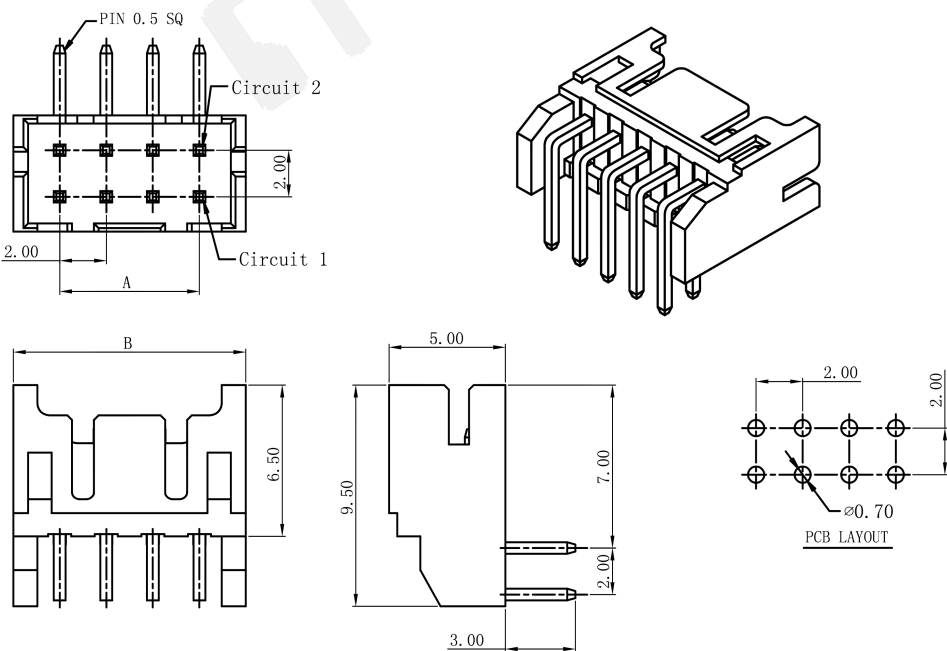
Reference Information:

- *Material:
 - PIN: Brass / Tin-plated
 - Wafer: PA46, UL94V-0 / Natural
- *Suitable MR-A2004 series Housing

Ordering Information & Dimensions

Poles	Dimensions (mm)	
	A	B
2*4	6.00	10.00
2*5	8.00	12.00
2*6	10.00	14.00
2*7	12.00	16.00
2*8	14.00	18.00
2*9	16.00	20.00
2*10	18.00	22.00
2*11	20.00	24.00
2*12	22.00	26.00
2*13	24.00	28.00
2*14	26.00	30.00
2*15	28.00	32.00
2*16	30.00	34.00
2*17	32.00	36.00
2*18	34.00	38.00
2*19	36.00	40.00
2*20	38.00	42.00

MR-A2004WR-2NP-N0XXT 2.00mm Pitch 90° Dual Row Wafer



Reference Information:

- *Material:
 - PIN: Brass / Tin-plated
 - Wafer: PA66, UL94V-0 / Natural or Brown
- *Suitable MR-A2004 series Housing

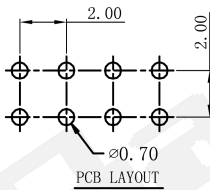
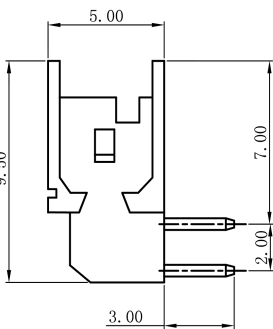
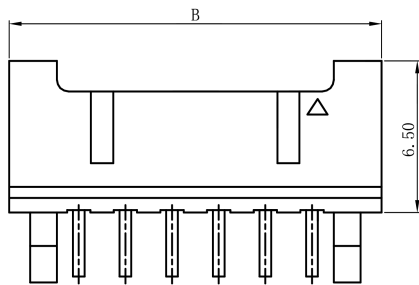
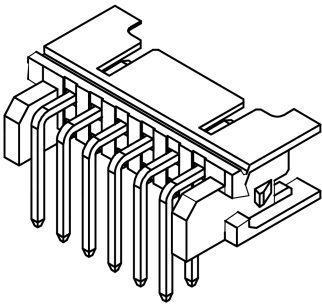
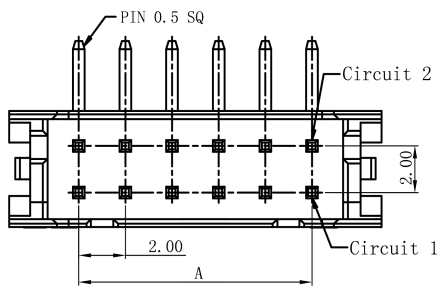
Ordering Information & Dimensions

Poles	Dimensions (mm)	
	A	B
2*2	2.00	6.00
2*3	4.00	8.00
2*4	6.00	10.00
2*5	8.00	12.00
2*6	10.00	14.00
2*7	12.00	16.00
2*8	14.00	18.00
2*9	16.00	20.00
2*10	18.00	22.00
2*11	20.00	24.00
2*12	22.00	26.00
2*13	24.00	28.00
2*14	26.00	30.00
2*15	28.00	32.00
2*16	30.00	34.00
2*17	32.00	36.00
2*18	34.00	38.00
2*19	36.00	40.00
2*20	38.00	42.00



MR-A2004 Series 2.00mm Pitch Series Wire to Board Connectors

MR-A2004WRA-2NP-9TNAT 2.00mm Pitch 90° Dual Row Wafer

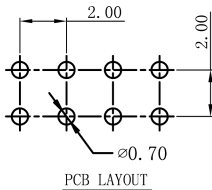
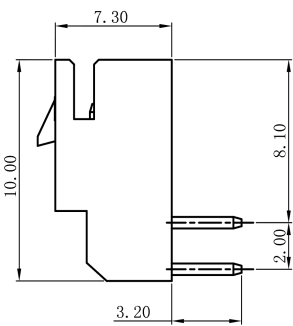
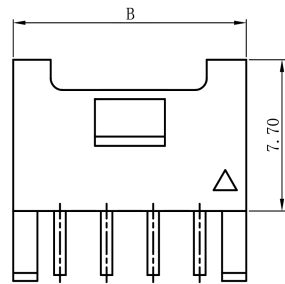
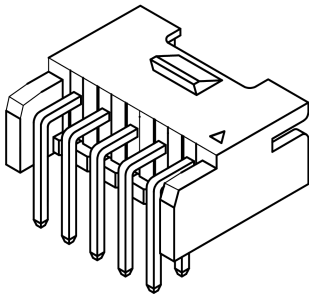
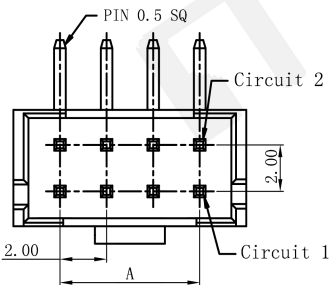


Reference Information:
*Material:
PIN: Brass / Tin-plated
Wafer: PA9T, UL94V-0 / Natural
*Suitable MR-A2004 series Housing

Ordering Information & Dimensions

Poles	Dimensions (mm)	
	A	B
2*2	2.00	8.00
2*3	4.00	10.00
2*4	6.00	12.00
2*5	8.00	14.00
2*6	10.00	16.00
2*7	12.00	18.00
2*8	14.00	20.00
2*9	16.00	22.00
2*10	18.00	24.00
2*11	20.00	26.00
2*12	22.00	28.00
2*13	24.00	30.00
2*14	26.00	32.00
2*15	28.00	34.00
2*16	30.00	36.00
2*17	32.00	38.00
2*18	34.00	40.00
2*19	36.00	42.00
2*20	38.00	44.00

MR-A2004WRB-2NP-46NAT 2.00mm Pitch 90° Dual Row Wafer



Reference Information:
*Material:
PIN: Brass / Tin-plated
Wafer: PA46, UL94V-0 / Natural
*Suitable MR-A2004 series Housing

Ordering Information & Dimensions

Poles	Dimensions (mm)	
	A	B
2*4	6.00	10.00
2*5	8.00	12.00
2*6	10.00	14.00
2*7	12.00	16.00
2*8	14.00	18.00
2*9	16.00	20.00
2*10	18.00	22.00
2*11	20.00	24.00
2*12	22.00	26.00
2*13	24.00	28.00
2*14	26.00	30.00
2*15	28.00	32.00
2*16	30.00	34.00
2*17	32.00	36.00
2*18	34.00	38.00
2*19	36.00	40.00
2*20	38.00	42.00