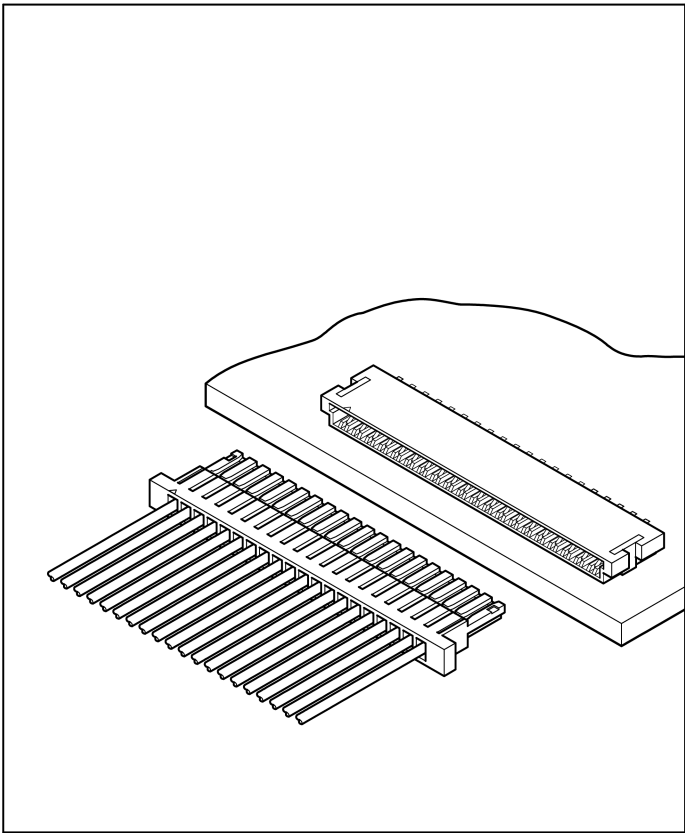




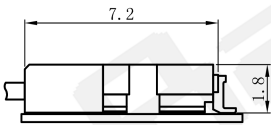
MR-A1003 Series 1.00mm Pitch Series Wire to Board Connectors



SPECIFICATIONS:

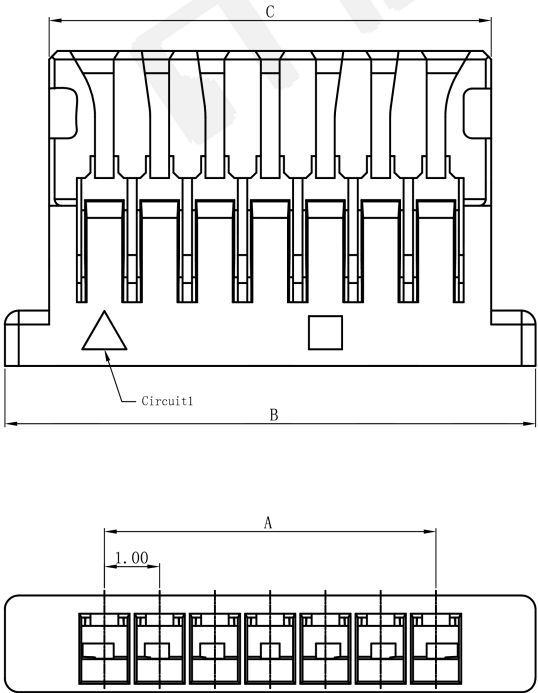
- Voltage Rating: 50V AC/DC
- Current Rating: 1A AC/DC
- Withstanding Voltage: 500V AC/Minute
- Temperature Range: -25°C~+85°C
- Insulation Resistance: 100MΩ Min.
- Contact Resistance: 20mΩ Max.
- Applicable Wire Range: AWG#28~32.

Assembly Layout:



MR-A1003H-NP-N0WT

1.00mm Pitch Single Row Housing



- Reference Information:
- *Material:
 - Housing: Nylon 66, UL94V-0 / White
 - *Suitable MR-A1003 series Terminal
 - *Mates with MR-A1003 series Wafer

Ordering Information & Dimensions

Poles	Dimensions (mm)		
	A	B	C
2	1.00	4.60	3.00
3	2.00	5.60	4.00
4	3.00	6.60	5.00
5	4.00	7.60	6.00
6	5.00	8.60	7.00
7	6.00	9.60	8.00
8	7.00	10.60	9.00
9	8.00	11.60	10.00
10	9.00	12.60	11.00
11	10.00	13.60	12.00
12	11.00	14.60	13.00
13	12.00	15.60	14.00
14	13.00	16.60	15.00
15	14.00	17.60	16.00
16	15.00	18.60	17.00
20	19.00	22.60	21.00
22	21.00	24.60	23.00
26	25.00	28.60	27.00
30	29.00	32.60	31.00



TITLE 1.00mm PITCH WIRE-TO-BOARD CONNECTOR

SIZE A3

DWG NO MR-A1003

REV 0

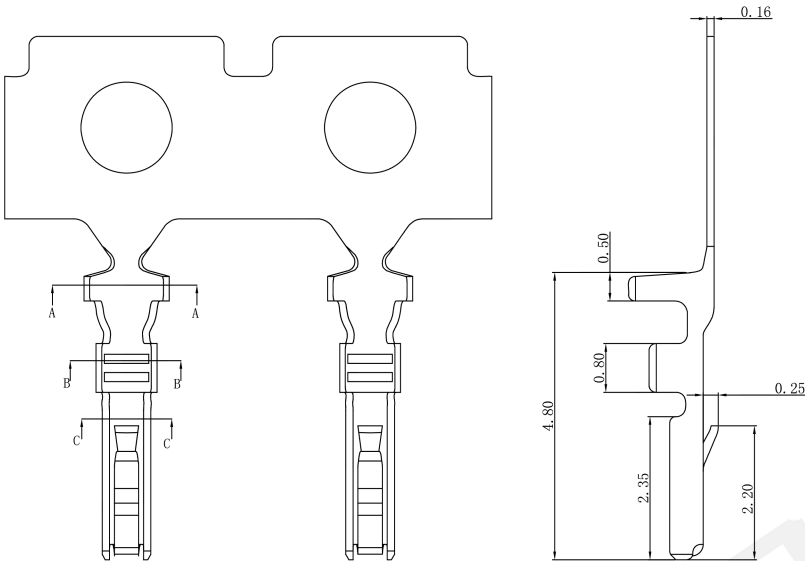
SHEET 1



MR-A1003 Series 1.00mm Pitch Series Wire to Board Connectors

MR-A1003TF-PT1

1.00mm Pitch Terminal



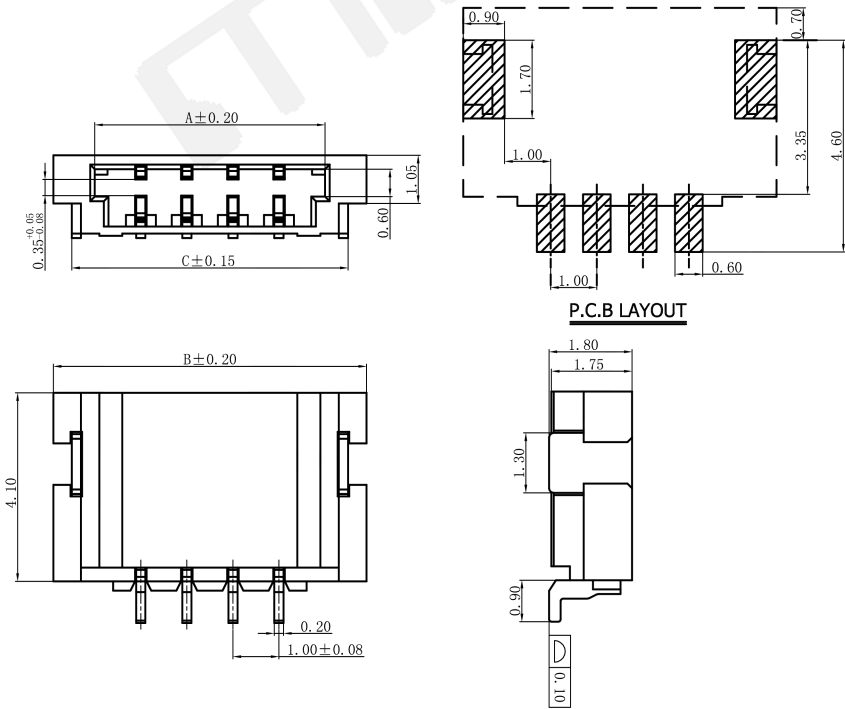
Reference Information:
*Material:
Terminal: Phosphor Bronze / Tin-plated
*Mates with MR-A1003 series Housing

Ordering Information & Specifications

Part No	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
MR-A1003TF-PT1	AWG#28-#32	0.8mm(max)	Phosphor Bronze	Tin-plated	15,000pcs

MR-A1003WRS-NP-9TNAX

1.0mm Pitch 90° SMT Single Row Wafer



Reference Information:
*Material:
Wafer: Nylon 9T, UL94V-0 / Natural
PIN: Phosphor Bronze
Solder Tabs: Phosphor Bronze
Finish: Matte Tin Plated / Gold-Flash
*Mates with MR-A1003 series Housing

Poles	Dimensions (mm)		
	A	B	C
2	1.00	4.60	3.00
3	2.00	5.60	4.00
4	3.00	6.60	5.00
5	4.00	7.60	6.00
6	5.00	8.60	7.00
7	6.00	9.60	8.00
8	7.00	10.60	9.00
9	8.00	11.60	10.00
10	9.00	12.60	11.00
11	10.00	13.60	12.00
12	11.00	14.60	13.00
13	12.00	15.60	14.00
14	13.00	16.60	15.00
15	14.00	17.60	16.00
16	15.00	18.60	17.00
20	16.00	19.60	18.00
22	17.00	20.60	19.00
26	18.00	21.60	20.00
30	19.00	22.60	21.00



TITLE 1.00mm PITCH WIRE-TO-BOARD CONNECTOR

SIZE A3

DWG NO MR-A1003

REV 0

SHEET 2