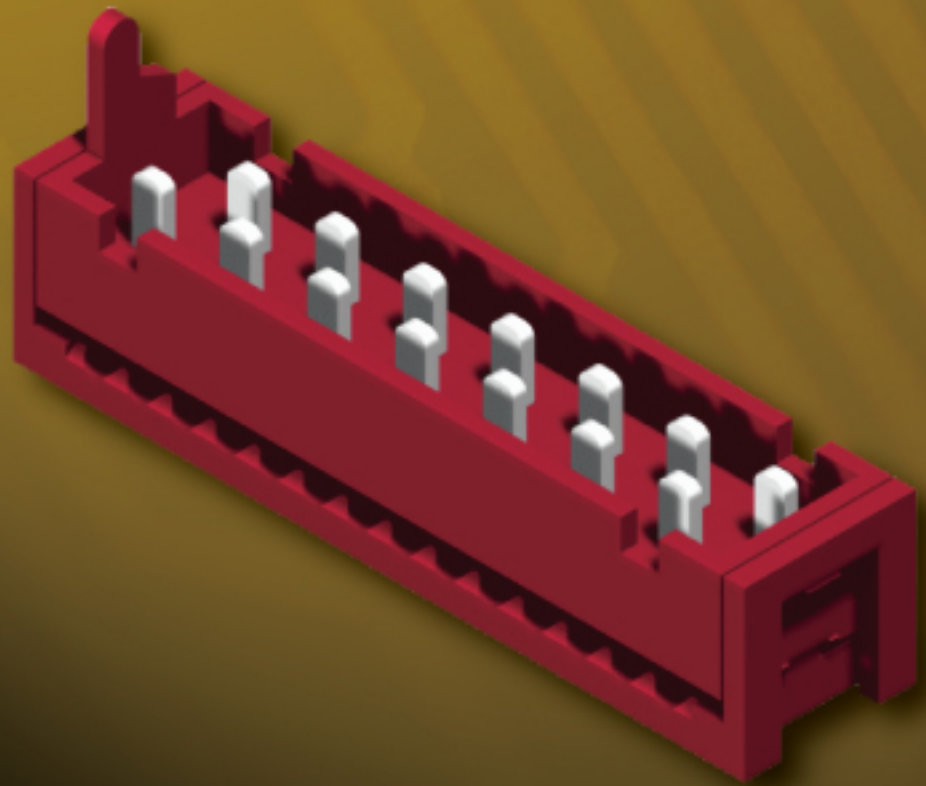


# Board To Wire & Wire To Wire Connectors

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3-147~3-151 • Mini Match



**AMTEK Technology Co., Ltd**



**M**ini Match



**RoHS**

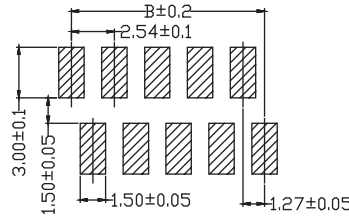
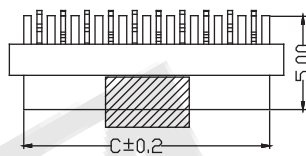
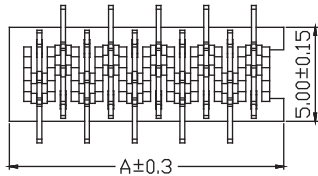
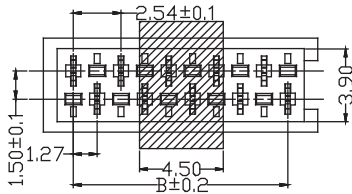
## Mini Match Female SMT Type

### Specifications

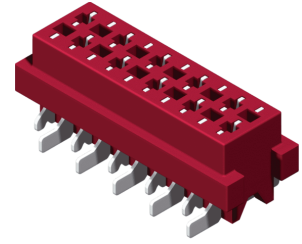
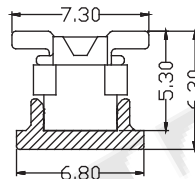
Current Rating: 1 AMP  
 Insulation Resistance: 1000MΩ Min  
 Contact Resistance: 20mΩ Max  
 Dielectric Voltage: 500V AC for one minute  
 Operation Temperature: -40°C to +105°C

### Material

Insulator: Nylon 46., UL 94V-0  
 Terminal: Copper Alloy



Recommended PCB Layout  
 (PCB TOLERANCE ±0.05)



No. of Contacts	Dim. A	Dim. B	Dim. C
04	7.00	3.81	5.58
06	9.54	6.35	8.18
08	12.08	8.89	10.66
10	14.62	11.43	13.20
12	17.16	13.97	15.74
14	19.70	16.51	18.28
16	22.24	19.05	20.82
18	24.78	21.59	23.36
20	27.32	24.13	25.90
22	29.86	26.67	28.44
24	32.40	29.21	30.98
26	34.94	31.75	33.52

P/N.: 58MNM2G-XXT0TD1

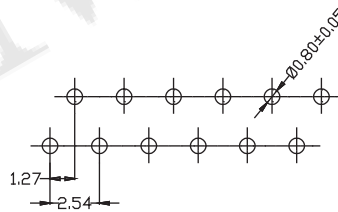
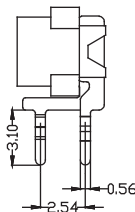
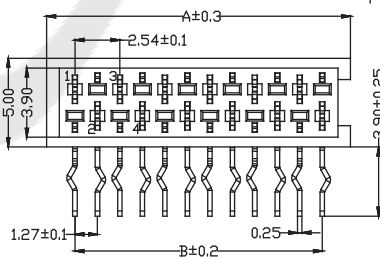
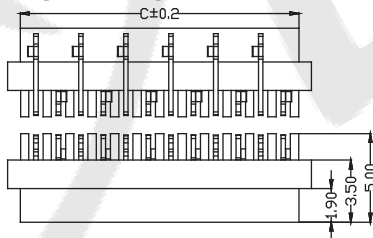
## Mini Match Female Right Angle Type

### Specifications

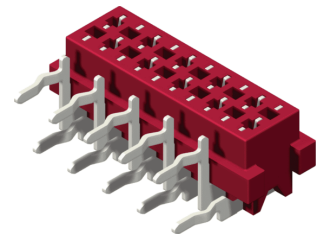
Current Rating: 1 AMP  
 Insulation Resistance: 1000MΩ Min  
 Contact Resistance: 20mΩ Max  
 Dielectric Voltage: 500V AC for one minute  
 Operation Temperature: -40°C to +105°C

### Material

Insulator: Nylon 46., UL 94V-0  
 Terminal: Copper Alloy



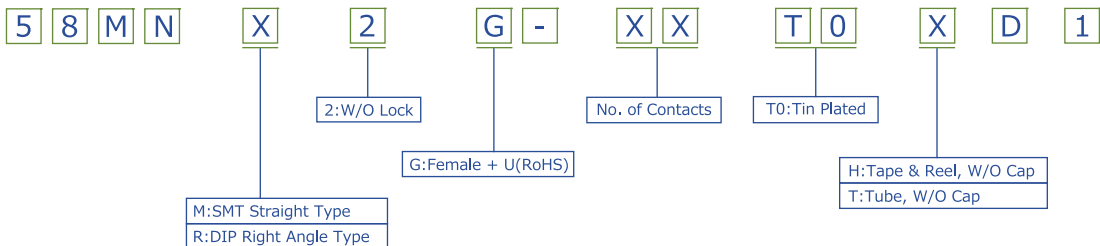
Recommended PCB Layout  
 (PCB TOLERANCE ±0.05)



No. of Contacts	Dim. A	Dim. B	Dim. C
04	7.00	3.81	5.58
06	9.54	6.35	8.18
08	12.08	8.89	10.66
10	14.62	11.43	13.20
12	17.16	13.97	15.74
14	19.70	16.51	18.28
16	22.24	19.05	20.82
18	24.78	21.59	23.36
20	27.32	24.13	25.90
22	29.86	26.67	28.44
24	32.40	29.21	30.98
26	34.94	31.75	33.52

P/N.: 58MNR2G-XXT0TD1

## ORDER INFORMATION



© : Standard Recommended

Old P/N: MIMM-XX-U  
 MIMR-XX-U

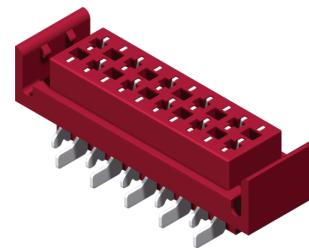
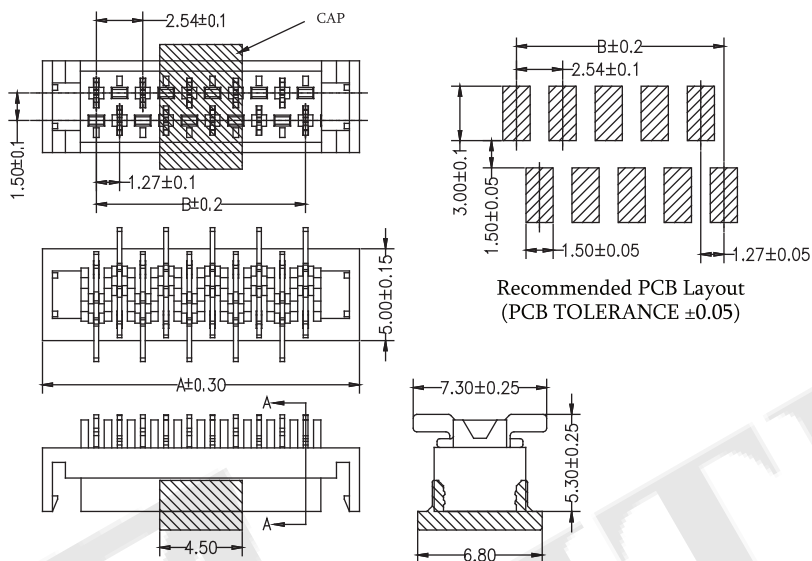
## Mini Match Female SMT Type With Lock

### Specifications

Current Rating: 1 AMP  
 Insulation Resistance: 1000MΩ Min  
 Contact Resistance: 20mΩ Max  
 Dielectric Voltage: 500V AC for one minute  
 Operation Temperature: -40°C to +105°C

### Material

Insulator: Nylon 46, UL 94V-0  
 Terminal: Copper Alloy



No. of Contacts	Dim. A	Dim. B
04	9.68	3.81
06	12.23	6.35
08	14.77	8.89
10	17.31	11.43
12	19.85	13.97
14	22.39	16.51
16	24.93	19.05
18	27.47	21.59
20	30.01	24.13
22	32.55	26.67
24	35.09	29.21
26	37.63	31.75

P/N.:58MNM1G-XXT0TD1

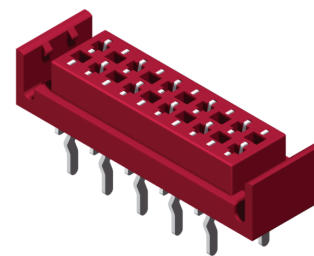
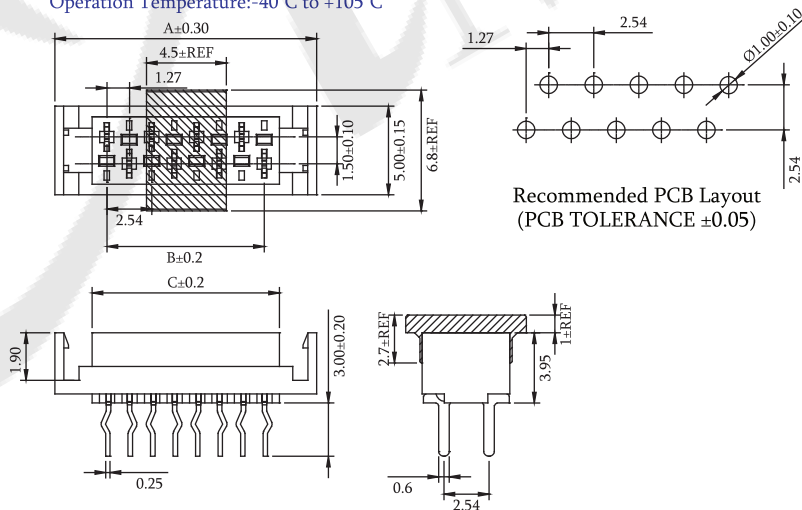
## Mini Match Female Straight Type With Lock

### Specifications

Current Rating: 1 AMP  
 Insulation Resistance: 1000MΩ Min  
 Contact Resistance: 20mΩ Max  
 Dielectric Voltage: 500V AC for one minute  
 Operation Temperature: -40°C to +105°C

### Material

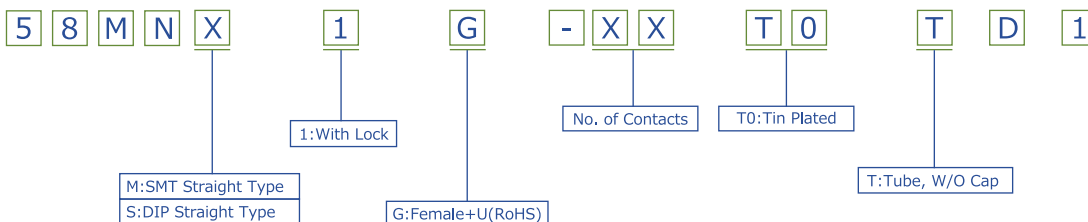
Insulator: Nylon 46, UL 94V-0  
 Terminal: Copper Alloy



No. of Contacts	Dim. A	Dim. B	Dim. C
04	9.68	3.81	5.58
06	12.23	6.35	8.18
08	14.77	8.89	10.66
10	17.31	11.43	13.20
12	19.85	13.97	15.74
14	22.39	16.51	18.28
16	24.93	19.05	20.82
18	27.47	21.59	23.36
20	30.01	24.13	25.90
22	32.55	26.67	28.44
24	35.09	29.21	30.98
26	37.63	31.75	33.52

P/N.:58MNS1G-XXT0TD1

## ORDER INFORMATION





Housing Wafer Terminal



RoHS

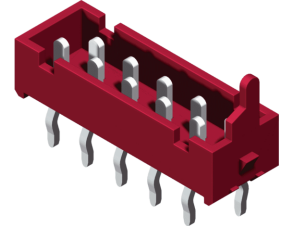
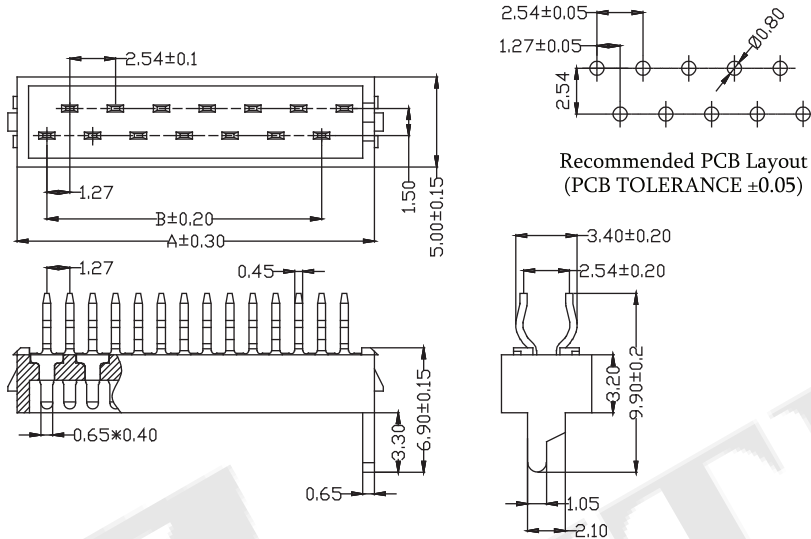
## Mini Match Male Straight Type

### Specifications

Current Rating: 1 AMP  
 Insulation Resistance: 1000MΩ Min  
 Contact Resistance: 20mΩ Max  
 Dielectric Voltage: 500V AC for one minute  
 Operation Temperature: -40°C to +105°C

### Material

Insulator: Nylon 46., UL 94V-0  
 Terminal: Copper Alloy



No. of Contacts	Dim. A	Dim. B
04	7.13	2.54
06	9.67	5.08
08	12.21	7.62
10	14.75	10.16
12	17.29	12.70
14	19.83	15.24
16	22.37	17.78
18	24.91	20.32
20	27.45	22.86
22	29.99	25.40
24	32.53	27.94
26	35.07	30.48

P/N.:58MNS2H-XXT0TD1

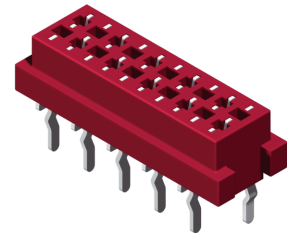
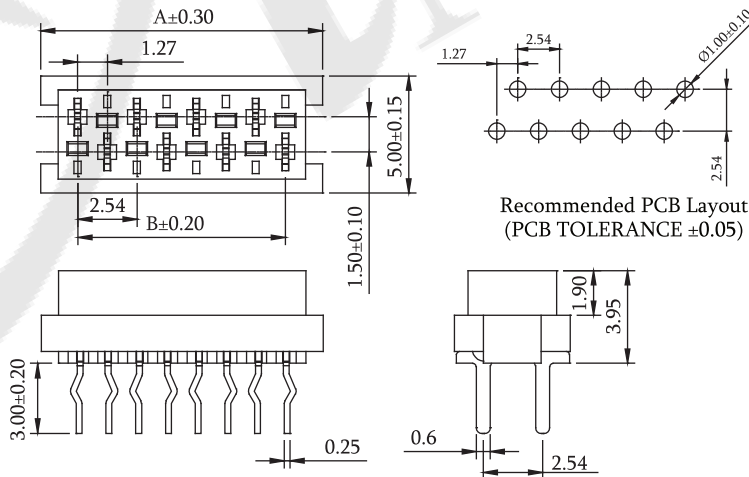
## Mini Match Female Straight Type

### Specifications

Current Rating: 1 AMP  
 Insulation Resistance: 1000MΩ Min  
 Contact Resistance: 20mΩ Max  
 Dielectric Voltage: 500V AC for one minute  
 Operation Temperature: -40°C to +105°C

### Material

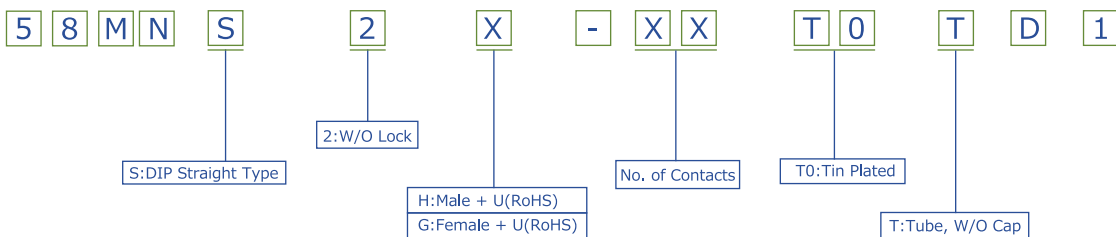
Insulator: Nylon 46., UL 94V-0  
 Terminal: Copper Alloy



No. of Contacts	Dim. A	Dim. B	Dim. C
04	6.98	3.81	5.58
06	9.52	6.35	8.18
08	12.06	8.89	10.66
10	14.60	11.43	13.20
12	17.14	13.97	15.74
14	19.68	16.51	18.28
16	22.22	19.05	20.82
18	24.76	21.59	23.36
20	27.30	24.13	25.90
22	29.84	26.67	28.44
24	32.38	29.21	30.98
26	34.92	31.75	33.52

P/N.:58MNS2G-XXT0TD1

## ORDER INFORMATION



©:Standard Recommended

Old P/N:MIMS-MXX-U  
 MIMS-XX-U



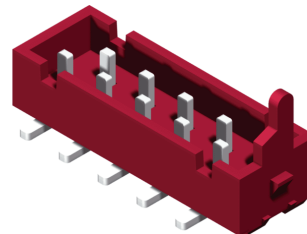
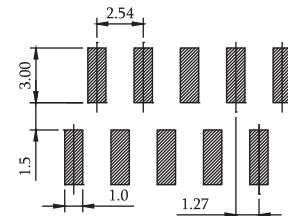
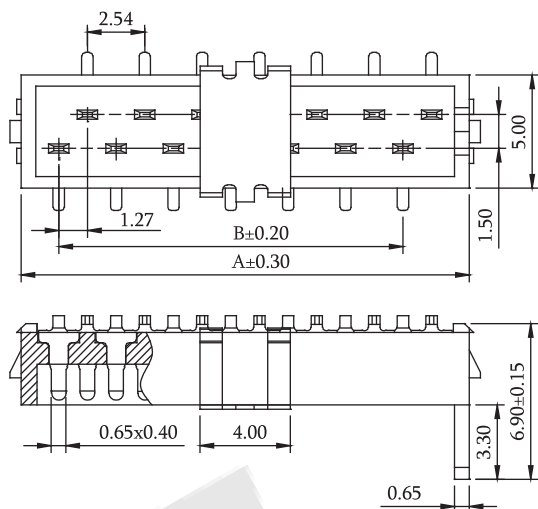
## Mini Match Male SMT Type

### Specifications

Current Rating: 1 AMP  
 Insulation Resistance: 1000MΩ Min.  
 Contact Resistance: 20mΩ Max.  
 Dielectric Voltage: 500V AC for one minute  
 Operation Temperature: -40°C to +105°C

### Material

Insulator: Nylon 46., UL 94V-0  
 Terminal: Copper Alloy



No. of Contacts	Dim. A	Dim. B
04	7.13	2.54
06	9.67	5.08
08	12.21	7.62
10	14.75	10.16
12	17.29	12.70
14	19.83	15.24
16	22.37	17.78
18	24.91	20.32
20	27.45	22.86
16	29.99	25.40
18	32.53	27.94
20	35.07	30.48

P/N.:58MNM2H-XXT0TD1

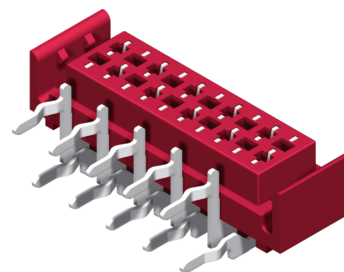
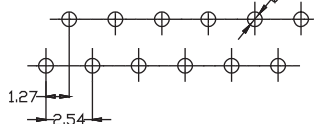
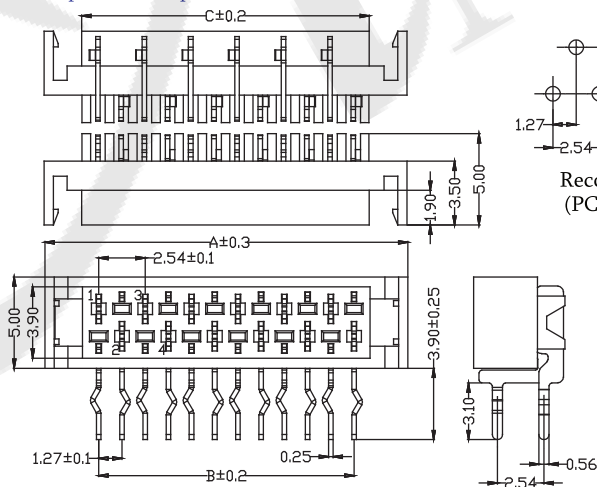
## Mini Match Female Right Angle With Lock Type

### Specifications

Current Rating: 1 AMP  
 Insulation Resistance: 1000MΩ Min.  
 Contact Resistance: 20mΩ Max.  
 Dielectric Voltage: 500V AC for one minute  
 Operation Temperature: -40°C to +105°C

### Material

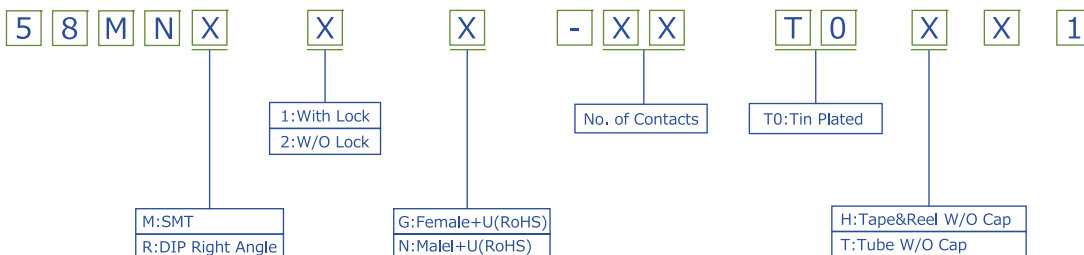
Insulator: Nylon 46., UL 94V-0  
 Terminal: Copper Alloy



No. of Contacts	Dim. A	Dim. B	Dim. C
04	9.68	3.81	5.58
06	12.23	6.35	8.12
08	14.77	8.89	10.66
10	17.31	11.43	13.20
12	19.85	13.97	15.74
14	22.39	16.51	18.28
16	24.93	19.05	20.82
18	27.47	21.59	23.36
20	30.01	24.13	25.90
16	32.55	26.67	28.44
18	35.09	29.21	30.98
20	37.63	31.75	33.52

P/N.:58MNR1G-XXT0TD1

## ORDER INFORMATION





**M**ini Match



**RoHS**

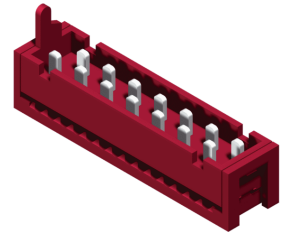
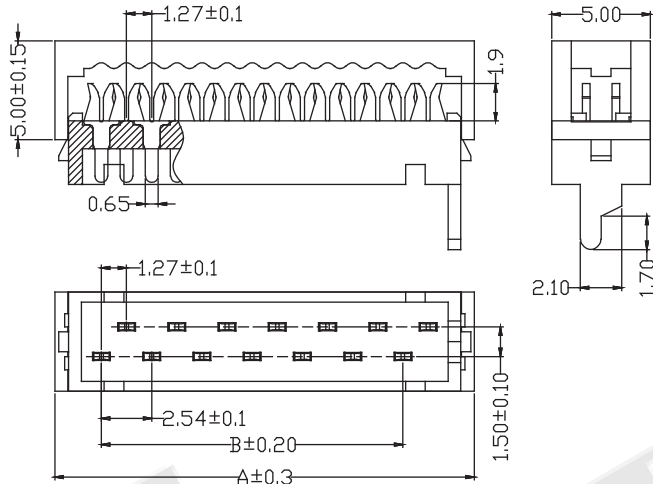
## Mini Match Box Plug IDC Type

### Specifications

Current Rating: 1 AMP  
 Insulation Resistance: 1000MΩ Min  
 Contact Resistance: 20mΩ Max  
 Dielectric Voltage: 500V AC for one minute  
 Operation Temperature: -40°C to +105°C

### Material

Insulator: PBT+G.F., UL 94V-0  
 Terminal: Copper Alloy



© Mate With Flat Cable Pitch 1.27mm

No. of Contacts	Dim. A	Dim. B
04	8.45	2.54
06	10.99	5.08
08	13.53	7.62
10	16.07	10.16
12	18.61	12.70
14	21.15	15.24
16	23.69	17.78
18	26.23	20.32
20	28.77	22.86
22	31.31	25.40
24	33.85	27.94
26	36.39	30.48

P/N.:58MND2M-XXT0TD1

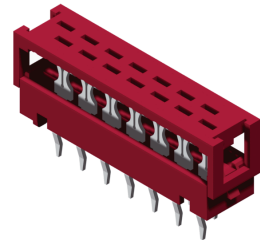
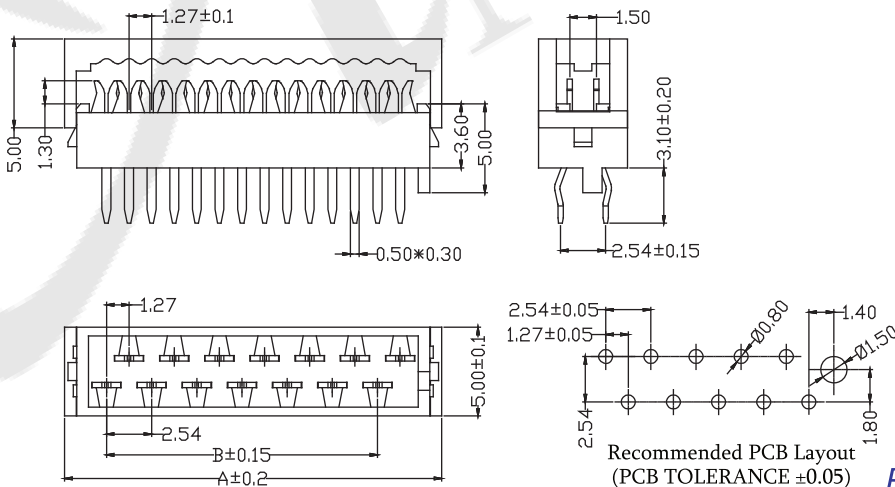
## Mini Match Dip Plug IDC Type

### Specifications

Current Rating: 1 AMP  
 Insulation Resistance: 1000MΩ Min  
 Contact Resistance: 20mΩ Max  
 Dielectric Voltage: 500V AC for one minute  
 Operation Temperature: -40°C to +105°C

### Material

Insulator: PBT+G.F., UL 94V-0  
 Terminal: Copper Alloy

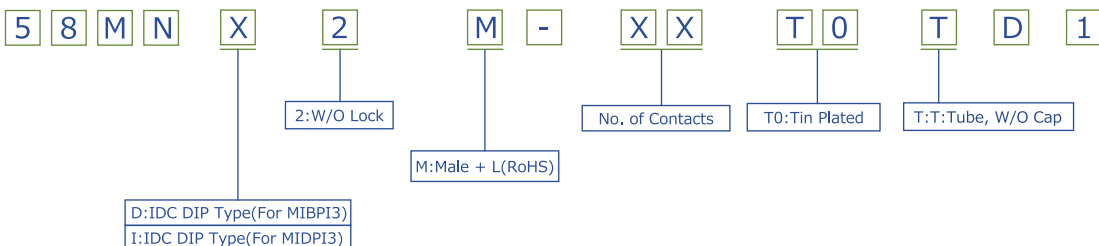


© Mate With Flat Cable Pitch 1.27mm

No. of Contacts	Dim. A	Dim. B
04	8.45	2.54
06	10.99	5.08
08	13.53	7.62
10	16.07	10.16
12	18.61	12.70
14	21.15	15.24
16	23.69	17.78
18	26.23	20.32
20	28.77	22.86
22	31.31	25.40
24	33.85	27.94
26	36.39	30.48

P/N.:58MNI2M-XXT0TD1

## ORDER INFORMATION



©: Standard Recommended

Old P/N: MIBPI3-XX-L  
 MIDPI3-XX-L

AMTEK CONNECTOR MANUFACTURER