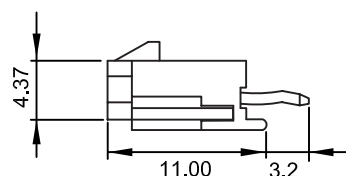
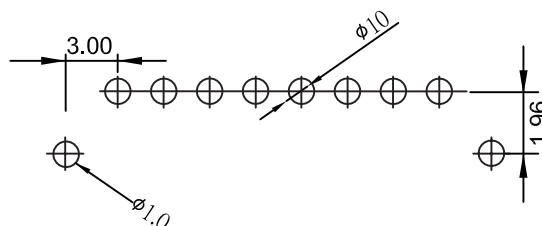


Recommended P.C. Board Hole Layout



Specifications

Current Rating: 5 Amps
 Insulator Resistance: 1000 Megohms min.
 Contact Resistance: 20 mohms max.
 Dielectric Withstanding: AC 600V
 Operating Temperature: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
 Contact Material: Brass
 Insulator Material: Polyester, UL 94V-0 LCP
 Contact Plated: Standard: Tin plated.

Part Numbering System

MF300-SS - XX X - T

Series

No. Of Pins:

02~12

Post Option:

Nil = with Alignment Pin

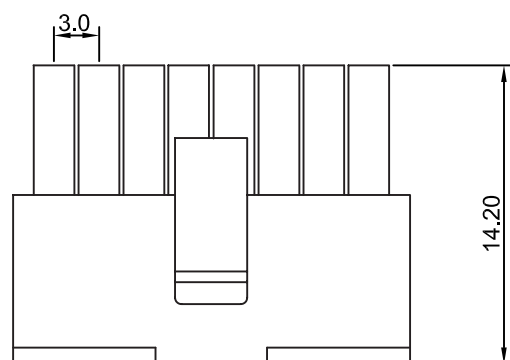
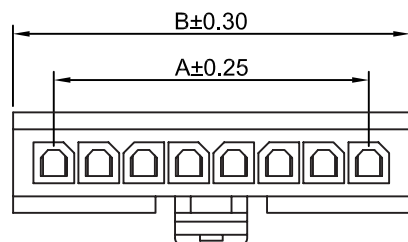
W = without Alignment Pin

Contact Plating:

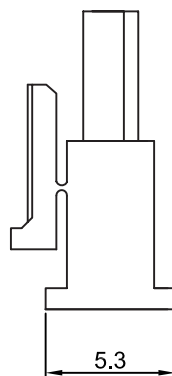
T = Tin Plated

Pins	Dimensions	
	A	B
02	3.00	9.65
03	6.00	12.65
04	9.00	15.65
05	12.00	18.65
06	15.00	21.65
07	18.00	24.65
08	21.00	27.65
09	24.00	30.65
10	27.00	33.65
11	30.00	36.65
12	33.00	39.65

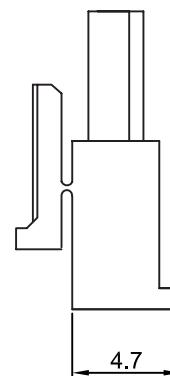
General Tolerance	
X. ± 0.50	X.° $\pm 5^{\circ}$
.X ± 0.20	.X° $\pm 2^{\circ}$
.XX ± 0.10	.XX° $\pm 1^{\circ}$
Units : mm	



03pin ~ 12pin



02pin



Specifications

Current Rating: 5A AC, DC
Voltage Rating: 250V AC, DC
Insulation Resistance: 1000MΩ Min.
Operating Temp.: -25°C ~ +85°C
Withstand Voltage: 1500V AC / minute

Part Numbering System

MF300HM-SS - XX

Series

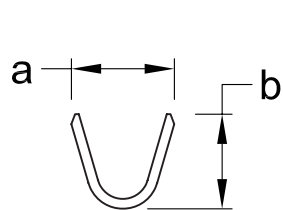
No. Of Pins:

02~12

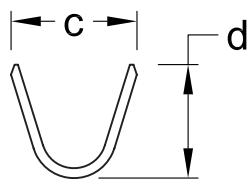
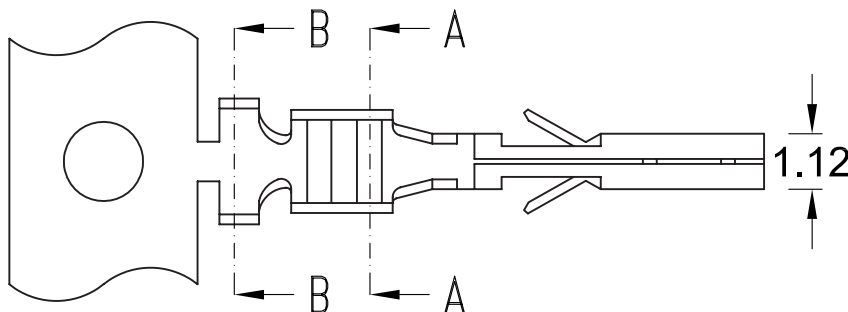
Pins	Dimensions	
	A	B
02	3.00	6.85
03	6.00	9.85
04	9.00	12.85
05	12.00	15.85
06	15.00	18.85
07	18.00	21.85
08	21.00	24.95
09	24.00	27.95
10	27.00	30.95
11	30.00	33.95
12	33.00	36.95

General Tolerance	
X. ± 0.50	X.° ± 5°
.X ± 0.20	.X° ± 2°
.XX ± 0.10	.XX° ± 1°
Units : mm	

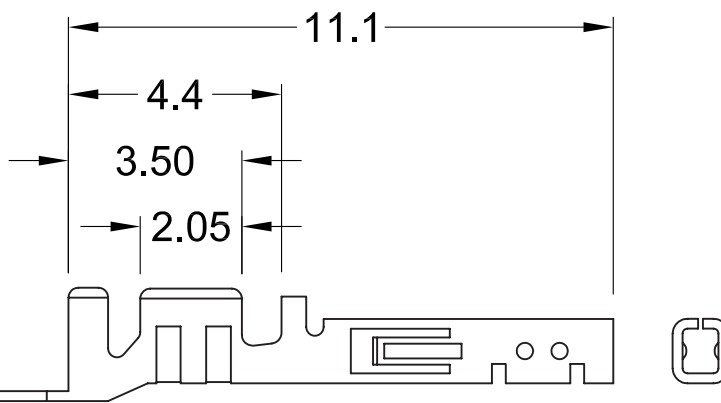
MF300TF Series



SEC. A-A



SEC. B-B



Wire Size	Dim. a	Dim. b	Dim. c	Dim. d
#20~#24 AWG	2.1	2.1	2.7	2.5
#26~#30 AWG	1.8	1.6	2.4	1.9

Specifications

Voltage Rating: 250V AC, DC
 Contact Resistance: 10m Max.
 Dielectric Strength: 1500V AC / minute
 Material: Phosphor Bronze
 Wire Range: AWG #20~#30
 Thickness: 0.2mm
 Temperature Rise: 30°C Max.
 Qty: 10,000pcs per Reel

Wire Size (AWG)	#20	#22	#24	#26	#28	#30
Current Rating (Amps)	5	5	4	3	2	1

Part Numbering System

MF300TF - X - XXXX

Series

Contact Plating:

T = Tin (Standard)
 S = Selective Gold Flash
 G = Full Gold Flash

Wire Size:

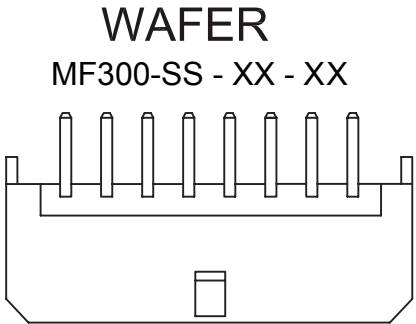
2024 = #20~#24 AWG
 2630 = #26~#30 AWG

General Tolerance	
X. ± 0.50	X.° ± 5°
.X ± 0.20	.X° ± 2°
.XX ± 0.10	.XX° ± 1°
Units : mm	

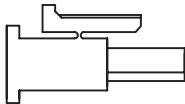
Micro Fit
Mating Configuration for
MF300-SS, MF300HM-SS & MF300TF



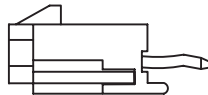
Pitch: 3.00mm



TERNIMAL / female
MF300TF - X - XX

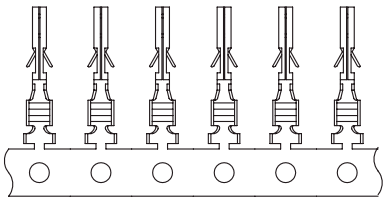
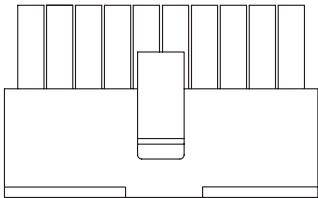


HOUSING/ male
MF300HM-SS - XX



WAFER
MF300-SS - XX - XX

HOUSING/ male
MF300HM-SS - XX



TERNIMAL / female
MF300TF - X - XX

General Tolerance	
X. ± 0.50	X.° ± 5°
.X ± 0.20	.X° ± 2°
.XX ± 0.10	.XX° ± 1°
Units : mm	