

## Specifications

Insulation Resistance:	1,000M $\Omega$ min. at 500V DC
Dielectric Withstanding Voltage:	700V AC for 1 minute
Contact Resistance:	30m $\Omega$ max. at 10mA/20mV max.
Current Rating:	1A max.
Operating Temperature Range:	-55°C to +170°C
Mating Cycles:	10,000 insertions min.

## Materials and Finish

Housing: Polyetherimide (PEI), glass-filled  
 Contacts: Beryllium Copper (BeCu)  
 Plating: Gold over Nickel

## Features

- ⇨ For inserting SOJ packages in dead-bug orientation
- ⇨ The larger contact area and two-point contact design ensures high contact reliability
- ⇨ Outstanding durability with low insertion-withdrawal forces
- ⇨ Guides for automated operation

## Part Number (Details)

**IC100 - 36 04 - \* \* MF - G**

Series No.

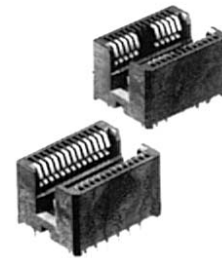
No. of Contact Pins

Row Space (03 = 300MIL)

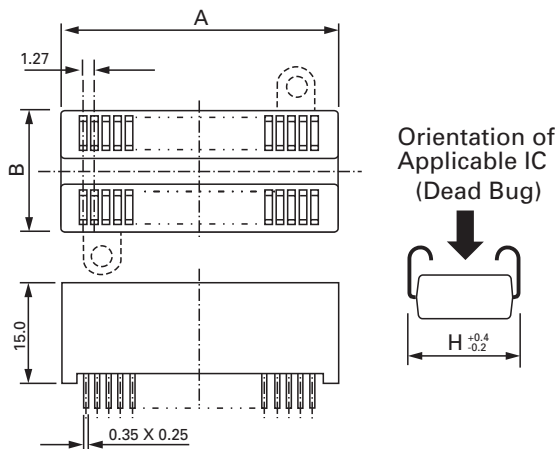
Please specify the number of contacts if a depopulated version is required

MF = Flanged  
 Unmarked = Not Flanged

Contact Plating Specification

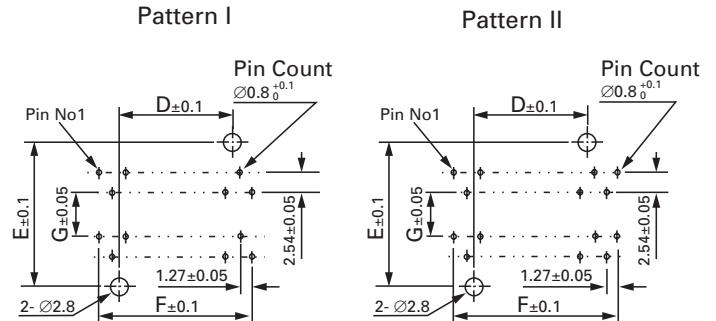


## Outline Socket Dimensions



## Recommended PC Board Layout

Top View from Socket



1) Flange not available

Part Number	Row Spacing	Pin Count	Socket Dim.		PCB Dimensions					IC Dim.
			A	B	D	E	F	G	Pattern	
IC100-2003-**XX-G	300	20	16.2	15.6	9.0	21.6	1.27 x 9 = 11.43	6.86	II	8.4
1) IC100-2403-**-G	300	24	18.8	15.6	11.0	21.6	1.27 x 11 = 13.97	6.86	I	8.4
1) IC100-2603-20-G	300	20	20.1	15.6	13.0	21.6	1.27 x 12 = 15.24	6.86	II	8.4
1) IC100-2603-**-G	300	26	20.1	15.6	13.0	21.6	1.27 x 12 = 15.24	6.86	II	8.4
1) IC100-2803-24-G	300	24	21.4	15.6	14.2	21.6	1.27 x 13 = 16.51	6.86	I	8.4
1) IC100-2803-**-G	300	28	21.4	15.6	14.2	21.6	1.27 x 13 = 16.51	6.86	I	8.4
IC100-3203-**XX-G	300	32	24.0	15.6	14.2	21.6	1.27 x 15 = 19.05	6.86	I	8.4
IC100-2804-**XX-G	400	28	21.4	18.0	14.2	24.1	1.27 x 13 = 16.51	9.4	I	10.9
1) IC100-3204-**-G	400	32	24.0	18.0	14.2	24.1	1.27 x 15 = 19.05	9.4	I	10.9
IC100-3604-**XX-G	400	36	26.5	18.0	18.5	24.1	1.27 x 17 = 21.59	9.4	I	10.9
IC100-4004-**XX-G	400	40	29.0	18.0	14.2	24.1	1.27 x 19 = 24.13	9.4	I	10.9
IC100-4204-**XX-G	400	42	30.3	18.0	20.0	24.1	1.27 x 20 = 25.40	9.4	II	10.9
IC100-4404-**XX-G	400	44	31.6	18.0	21.6	24.1	1.27 x 21 = 26.67	9.4	I	10.9
IC100-3605-**XX-G	500	36	26.5	20.7	18.5	26.7	1.27 x 17 = 21.59	11.94	I	13.5

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Mating Cycles:	10,000 insertions min.

## Materials and Finish

Housing: Polyetherimide (PEI), glass-filled  
 Contacts: Beryllium Copper (BeCu)  
 Plating: Gold over Nickel

## Features

- ↳ For inserting SOJ packages in Live-bug orientation
- ↳ Outstanding durability with low insertion withdrawal force
- ↳ Guides for automated operation
- ↳ The larger contact area and two-point contact design ensures high contact reliability

## Part Number (Details)

**IC107 - 26 03 - \* \* MF - G**

Series No.

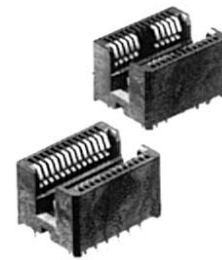
No. of Contact Pins

Row Space (03 = 300MIL)

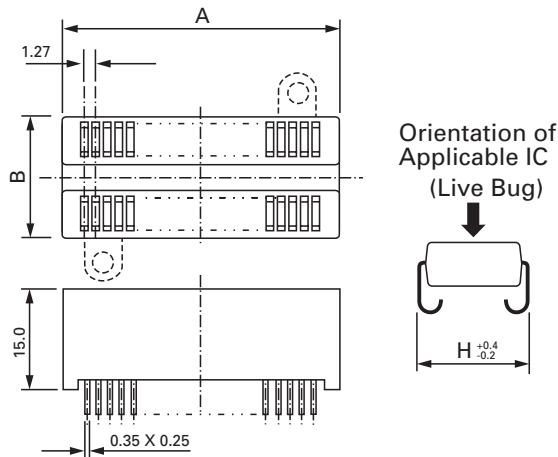
Please specify the number of contacts if a depopulated version is required

MF = Flanged  
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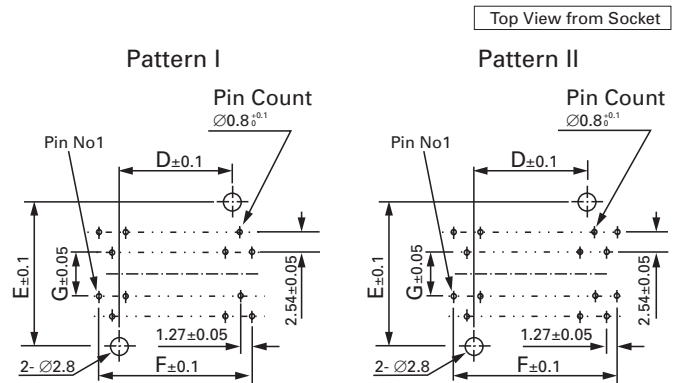
Contact Plating Specification



## Outline Socket Dimensions



## Recommended PC Board Layout



<sup>1)</sup> Flange not available

Part Number	Row Spacing	Pin Count	Socket Dim.		PCB Dimensions					IC Dim.
			A	B	D	E	F	G	Pattern	H
IC107-2403-**XX-G	300	24	18.8	15.6	11.0	21.6	1.27 x 11 = 13.97	6.86	I	8.4
IC107-2603-20XX-G	300	20	20.1	15.6	13.0	21.6	1.27 x 12 = 15.24	6.86	II	8.4
IC107-2603-**XX-G	300	26	20.1	15.6	13.0	21.6	1.27 x 12 = 15.24	6.86	II	8.4
IC107-2803-24XX-G	300	24	21.4	15.6	14.2	21.6	1.27 x 13 = 16.51	6.86	I	8.4
IC107-2803-**XX-G	300	28	21.4	15.6	14.2	21.6	1.27 x 13 = 16.51	6.86	I	8.4
IC107-3203-**XX-G	300	32	24.0	15.6	14.2	21.6	1.27 x 15 = 19.05	6.86	I	8.4
<sup>1)</sup> IC107-26035-20-G	350	20	20.1	16.8	13.0	22.8	1.27 x 12 = 15.24	8.13	II	9.7
<sup>1)</sup> IC107-26035-**-G	350	26	20.1	16.8	13.0	22.8	1.27 x 12 = 15.24	8.13	II	9.7
IC107-2804-24XX-G	400	24	21.4	18.0	14.2	24.1	1.27 x 13 = 16.51	9.4	I	10.9
IC107-2804-**XX-G	400	28	21.4	18.0	14.2	24.1	1.27 x 13 = 16.51	9.4	I	10.9
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