

## 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:	-40°C to +150°C
Mating Cycles:	10,000 insertions min.

## Materials and Finish

Housing: Polyethersulphone (PES), glass-filled - UL94V-0 rated  
 Contacts: Beryllium Copper (BeCu)  
 Plating: Gold over Nickel

## Features

- ⇨ Applicable for "zig-zag" mounted leads
- ⇨ Dual wipe contacts ensure high reliability

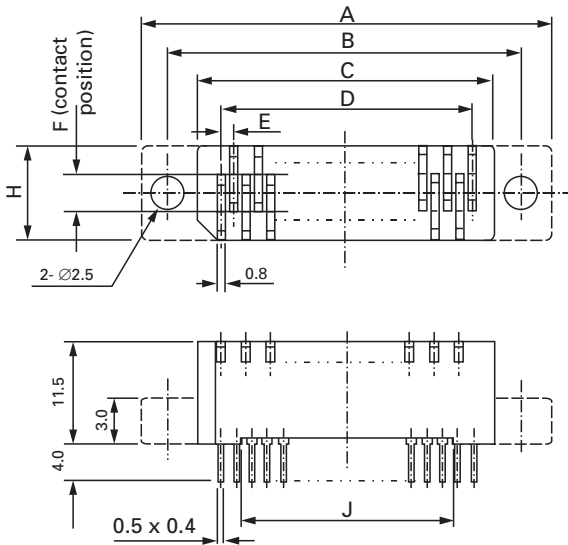


## Part Number (Details)

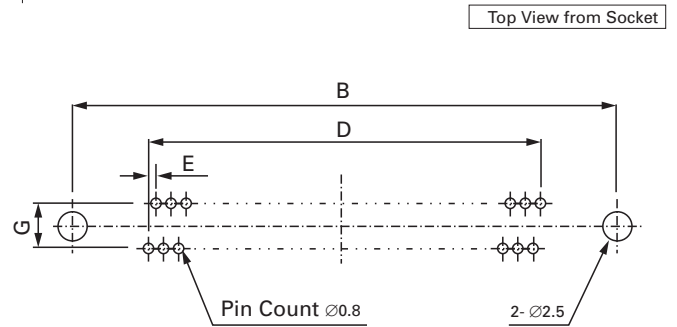
**IC39 - 16 01 MF - G 4**

Series No.	IC39
No. of Contact Pins	16
Design Number	01
MF = Flanged Unmarked = Not Flanged	MF
Contact Plating (G = Gold Plating)	G
Straight, Through Hole Type	4

## Outline Socket Dimensions



## Recommended PC Board Layout



Part Number	Pin Count	A	B	C	D	E	F	G	H	J
IC39-1206**-G4	12	39.0	33.0	27.0	1.778 x 11 = 19.558	1.778	2.0	2.0	9.0	-
IC39-1408**-G4	14	38.0	32.0	26.0	1.70 x 13 = 22.1	1.7	5.08	5.08	11.0	-
IC39-1413**-G4	14	39.0	33.0	27.0	1.78 x 13 = 23.14	1.78	1.6	1.6	9.0	-
IC39-1505**-G4	15	34.0	28.0	22.0	1.27 x 14 = 17.78	1.27	5.08	5.08	11.0	-
IC39-1511**-G4	15	34.0	28.0	22.0	1.27 x 14 = 17.78	1.27	2.54	2.54	9.0	-
IC39-1601**-G4	16	38.0	32.0	26.0	1.50 x 15 = 22.5	1.5	3.0	3.0	9.0	-
IC39-1602**-G4	16	38.0	32.0	26.0	1.27 x 15 = 19.05	1.27	3.0	3.0	9.0	-
IC39-1612**-G4	16	34.0	28.0	22.0	1.27 x 15 = 19.05	1.27	2.55	2.55	9.0	18.0
IC39-1710**-G4	17	38.0	32.0	26.0	1.27 x 16 = 20.32	1.27	2.55	2.55	9.0	-
IC39-1814**-G4	18	37.0	31.0	25.0	1.27 x 17 = 21.59	1.27	2.54	2.54	9.0	21.0
IC39-2017-G4	20	40.0	34.0	28.0	1.27 x 19 = 24.13	1.27	2.54	2.54	9.0	24.0
IC39-2304**-G4	23	44.0	38.0	32.0	1.27 x 22 = 27.94	1.27	2.2	2.2	9.0	-
IC39-2419**-G4	24	45.0	39.0	33.0	1.27 x 23 = 29.21	1.27	2.54	2.54	9.0	29.1
IC39-2803**-G4	28	50.0	44.0	38.0	1.27 x 27 = 34.29	1.27	2.55	2.55	9.0	-
IC39-6018**-G4	60	91.0	85.0	79.0	1.27 x 59 = 74.93	1.27	2.54	2.54	9.0	75.0