

SPECIFICATIONS

Insulation Resistance:	1,000MΩ min. at 500V DC
Dielectric Withstanding Voltage:	700V AC for 1 minute
Contact Resistance:	30mΩ max. at 10mA/20mV max.
Current Rating:	1A max.
Operating Temperature Range:	(PSF)-40°C to +150°C (PES)-55°C to +170°C
Mating Cycles:	10,000 insertions min.

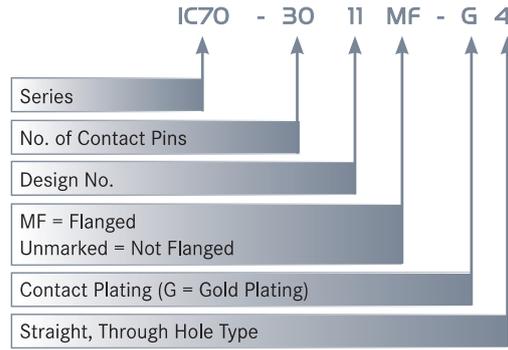
MATERIALS AND FINISH

Housing:	PSF, Polysulphon glass-filled PES Polyester glass-filled
Contacts:	Beryllium Copper (BeCu)
Plating:	Gold over Nickel

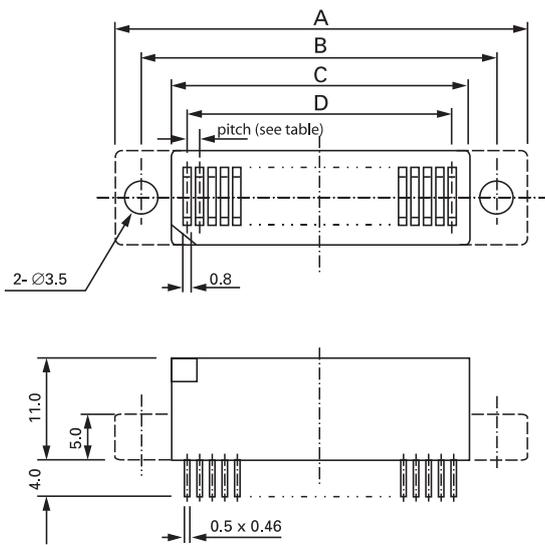
FEATURES

- 1.27 to 2.00mm pitch
- Dual wipe contacts ensure high reliability
- Low costs due to selective gold plating

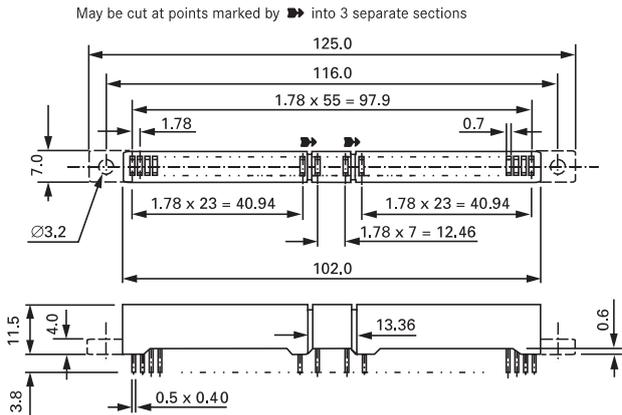
PART NUMBER



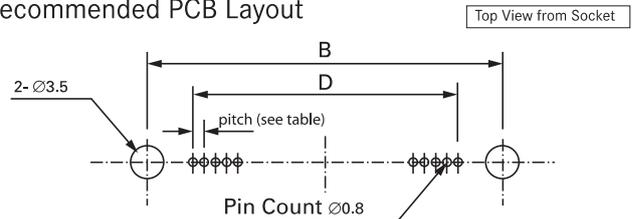
OUTLINE SOCKET DIMENSIONS



OUTLINE SOCKET DIMENSIONS FOR IC70-5616-G4 ONLY



Recommended PCB Layout



1.27 TO 2.00MM PITCH

Part Number	Pin Count	Pitch	A	B	C	D
IC70-0726**-G4	7	1.27	26.6	19.6	12.6	1.27 x 6 = 7.62
IC70-1217**-G4	12	2.00	41.0	34.0	27.0	2.00 x 11 = 22.00
IC70-1521**-G4	15	1.27	36.8	29.8	22.8	1.27 x 14 = 17.78
IC70-2020**-G4	20	1.50	47.5	40.5	33.5	1.50 x 19 = 28.50
IC70-2012**-G4	20	1.80	52.0	45.0	38.0	1.80 x 19 = 34.20
IC70-2313**-G4	23	1.27	44.0	38.0	32.0	1.27 x 22 = 27.94
IC70-2418**-G4	24	2.00	63.0	57.0	51.0	2.00 x 23 = 46.00
IC70-3011**-G4	30	1.80	77.0	67.0	57.0	1.80 x 29 = 52.20
IC70-3015**-G4	30	1.27	57.0	49.0	41.0	1.27 x 29 = 36.83
IC70-3019**-G4	30	1.50	62.5	55.5	48.5	1.50 x 29 = 43.50
IC70-4014**-G4	40	1.778	94.0	84.0	74.0	1.778 x 55 = 69.342
IC70-5616**-G4	56	1.78	125.0	116.0	102.0	1.78 x 55 = 97.90

Table shows only a selection of sockets available. For customised or other socket types, please contact Yamaichi Electronics