

0.65MM PITCH

SERIES IC51 (CLAMSHELL - TH) - SOP, TSOP TYPE I & II

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.
Operating Temperature Range:	-40°C to +150°C (for type PSF) -55°C to +170°C (for type PES & PEI)
Mating Cycles:	10,000 insertions min.

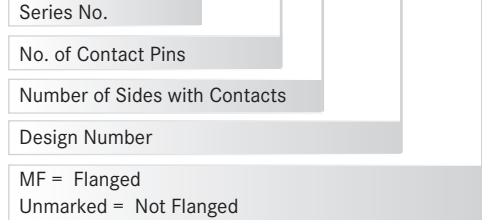
MATERIALS AND FINISH

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



PART NUMBER

IC51 - 028 2 - 334-1 - MF



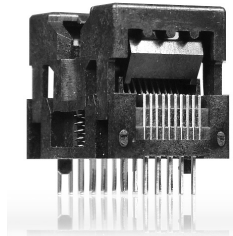
SERIES IC189 (OPEN TOP - TH) - SOP, TSOP TYPE I & II

SPECIFICATIONS

Insulation Resistance:	1,000MΩ min. at 100V DC, pitch 0.4, 0.5 1,000MΩ min. at 500V DC, pitch 0.65, 0.8, 1.27
Dielectric Withstanding Voltage:	100V AC for 1 minute, pitch 0.4, 0.5 500V AC for 1 minute, pitch 0.65 700V AC for 1 minute, pitch 0.8, 1.27
Contact Resistance:	30mΩ max. at 10mA/20mV max.
Operating Temperature Range:	-40°C to +150°C
Mating Cycles:	10,000 insertions
Contact Force:	20g to 80g per pin

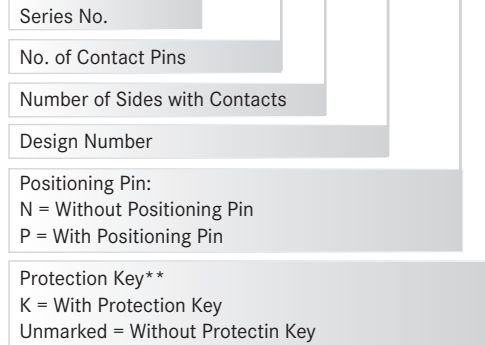
MATERIALS AND FINISH

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



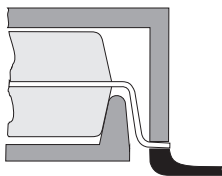
PART NUMBER

IC189 - 016 2 - 019 - * *

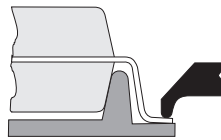


** Protection Key: Prevents IC from releasing during transportation

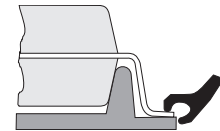
CONTACT STYLES



SERIES IC51

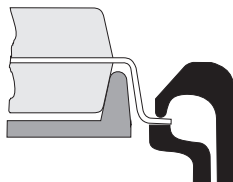


SERIES IC189 / IC191

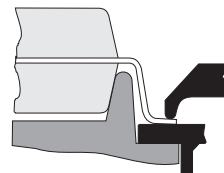


SERIES IC235

SPECIALITIES

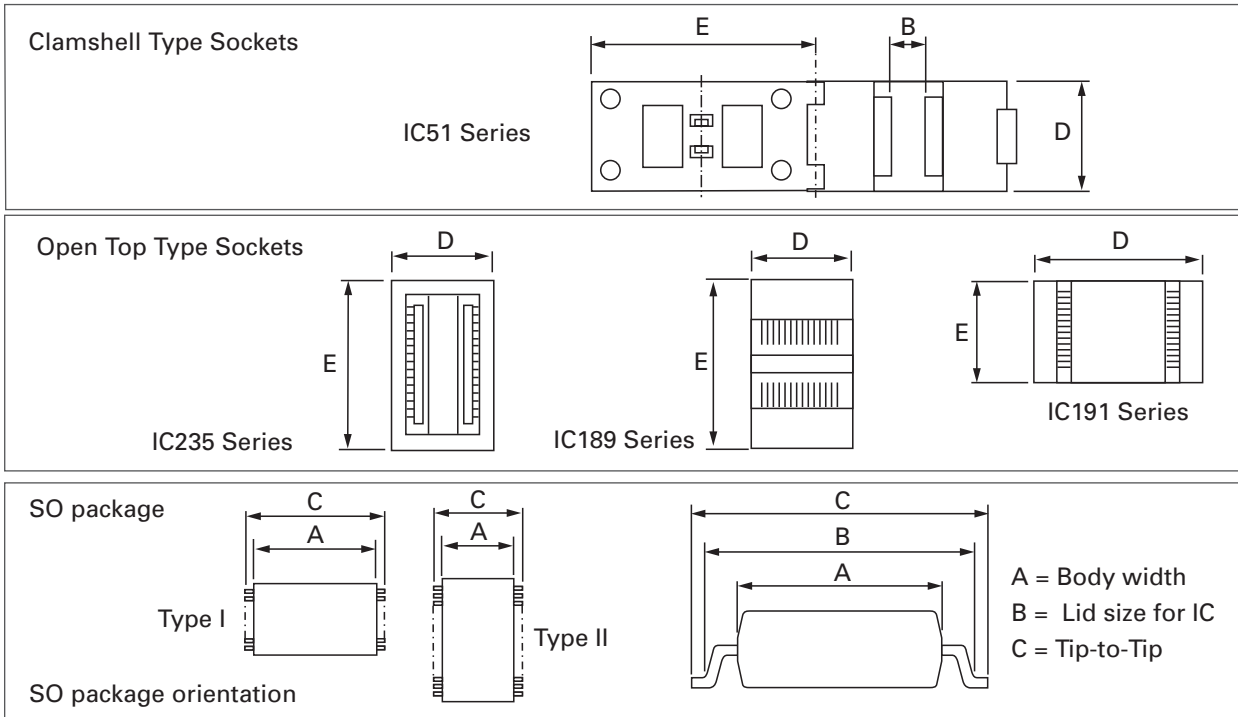


SERIES IC (KELVIN)



SERIES IC (TWO POINT CONTACT)

0.65MM PITCH



C L = Clamshell, OT = Open Top, S = Seperator, FB = Floating Base

Part Number	Pin Count	IC Body A	IC Socket and Lid Size B (max.)	IC Tip-to-Tip C	Socket Dimensions D x E	Package Type	Note
IC51-778 A104194-001	8	4.40	5.60	6.40	16.0 x 32.0	SOP	CL/S
IC51-0162-778	16	4.40	5.60	6.40	16.0 x 32.0	SOP	CL/S
IC51-0162-911	16	4.40	5.60	6.40	16.0 x 32.0	SOP	CL/FB
IC51-0242-1341	16	4.40	5.60	6.40	16.0 x 32.0	SOP	CL/S
IC51-755 KS-7514	16	5.60	6.70	7.60	16.0 x 32.0	SOP	CL/S
IC189-0202-038 *	20	6.10	-	8.10	24.0 x 22.5	SOP	OT
IC51-0202-779	20	4.40	5.60	6.40	16.0 x 32.0	SOP	CL/S
IC51-0202-912	20	4.40	5.60	6.40	16.0 x 32.0	SOP	CL/FB
IC51-755 KS-7631	20	5.60	6.70	7.60	16.0 x 32.0	SOP	CL/S
IC189-0242-081P	24	6.10	-	7.70	13.6 x 21.5	SOP	OT
IC51-0242-761	24	5.60	6.70	7.60	16.0 x 32.0	SOP	CL/S
IC51-0242-913	24	5.60	6.70	7.60	16.0 x 32.0	SOP	CL/FB
IC51-755 KS-13330	28	5.60	6.70	7.60	16.0 x 32.0	SOP	CL/S
IC51-0302-755	30	5.60	6.70	7.60	16.0 x 32.0	SOP	CL/S
IC189-0302-121	30	6.10	-	8.10	22.0 x 24.0	SOP	OT
IC51-0302-914	30	5.60	6.70	7.60	16.0 x 32.0	SOP	CL/FB
IC189-0382-037 *	38	6.10	-	8.10	24.0 x 22.5	SOP	OT
IC51-0402-1347	40	5.50	6.70	7.80	16.0 x 32.0	SOP	CL/S
IC51-0402-1396	40	6.30	7.20	8.20	16.0 x 32.0	SOP	CL/S
IC189-0482-047N	48	8.00	-	10.00	24.0 x 22.5	SOP	OT
IC51-0482-1163	48	7.60	9.60	10.16	21.0 x 36.0	SOP	CL/S