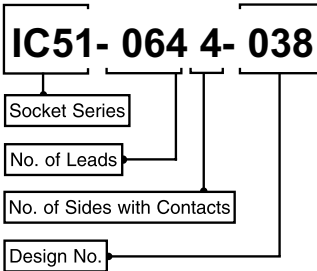


# QFP, PQFP, TQFP CLAMSHELL

## IC51 Series



Insulation Resistance:  
Withstanding Voltage:  
Contact Resistance:  
Operating Temperature:

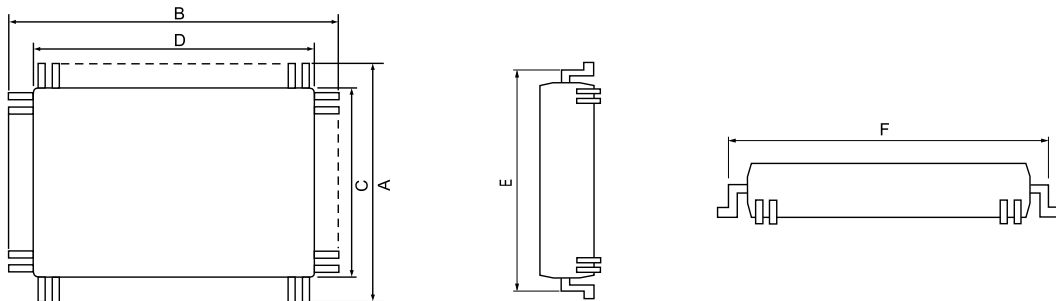
Characteristics

1,000M $\frac{1}{2}$  minimum at 500 VDC  
700 VAC for 1 minute  
30m $\frac{1}{2}$  max. at 10mA/20mV (Initial)  
PES/PEI -55 $\circ$ C ~ +170 $\circ$ C  
PSF -40 $\circ$ C ~ +150 $\circ$ C

Insulator:  
Contact:  
Plating:

Material

PSF / PES / PEI  
m Copper  
Gold over Nickel



(Reference Only)

Part Number	No. of Leads	Body Size	Pitch	Matching Package Size						Notes
				A	B	C	D	E (Max)	F (Max)	
IC51-0324-805	32	5 x 5	0.5	7.0	7.0	5.0	5.0	6.2	6.2	Floating Base
IC51-0324-354	32	7 x 7	0.8	9.0	9.0	7.0	7.0	8.4	8.4	
IC51-0324-1498	32	7 x 7	0.8	9.0	9.0	7.0	7.0	8.4	8.4	
QFP11T044-001*	44	10 x 10	0.8	12.0	12.0	10.0	10.0	11.3	11.3	
IC51-0444-1195-3	44	10 x 10	0.8	12.6	12.6	10.0	10.0	11.5	11.5	
IC51-0444-825	44	10 x 10	0.8	12.6	12.6	10.0	10.0	11.7	11.7	
IC51-467-KS11247	44	10 x 10	0.8	13.2	13.2	10.0	10.0	12.0	12.0	IC248-0444-001
IC51-0444-798	44	10 x 10	0.8	13.9	13.9	10.0	10.0	12.9	12.9	
IC51-0444-615	44	14 x 14	1.0	17.2	17.2	14.0	14.0	15.8	15.8	
IC51-621-KS8966	44	14 x 14	1.0	17.9	17.9	14.0	14.0	16.5	16.5	
IC51-0484-806	48	7 x 7	0.5	9.0	9.0	7.0	7.0	8.2	8.2	Floating Base
IC51-0484-081	48	12 x 12	0.8	15.3	15.3	12.0	12.0	14.0	14.0	

\*Note: New tooling part number.



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# QFP, PQFP, TQFP CLAMSHELL

## IC51 Series

(Reference Only)

Part Number	No. of Leads	Body		Matching Package Size						Notes
		Size	Pitch	A	B	C	D	E (Max)	F (Max)	
IC51-0484-630	48	12 x 12	0.8	16.9	16.9	12.0	12.0	15.0	15.0	
IC51-0484-831-2	48	14 x 14	1.0	17.2	17.2	14.0	14.0	15.8	15.8	
IC51-0484-831-1	48	14 x 14	1.0	17.9	17.9	14.0	14.0	16.8	16.8	
IC51-0524-1612	52	10 X 10	0.65	12.0	12.0	10.0	10.0	11.2	11.2	Handmade
IC51-0564-680	56	10 X 10	0.65	13.2	13.2	10.0	10.0	11.8	11.8	
IC51-0564-924	56	10 X 14	0.8	13.2	17.2	10.0	14.0	11.8	15.8	
IC51-0564-790	56	16 X 20	1.0	19.2	23.2	16.0	20.0	17.7	21.8	
IC51-0564-1056	56	10 X 10	0.7	13.2	13.2	10.0	10.0	11.8	11.8	
IC51-0604-468	60	14 X 14	0.8	17.2	17.2	14.0	14.0	15.8	15.8	
IC51-0604-104	60	14 X 14	0.8	17.9	17.9	14.0	14.0	16.4	16.4	
IC51-0604-291	60	14 X 14	0.8	17.9	17.9	14.0	14.0	16.7	16.7	w/ Separator
IC51-0604-497-2	60	16 X 20	1.0	17.9	23.9	16.0	20.0	17.0	23.0	
IC51-0644-807	64	10 X 10	0.5	12.0	12.0	10.0	10.0	11.3	11.3	FB lidless IC201-0644-003
IC51-0644-1586	64	12 X 12	0.65	15.3	15.3	12.0	12.0	13.9	13.9	Floating Base / Lidless
IC51-1240-AC03026	64	14 X 14	0.8	16.0	16.0	14.0	14.0	15.3	15.3	
IC51-0644-824-3	64	14 X 14	0.8	16.2	16.2	14.0	14.0	15.4	15.4	
IC51-0644-824-1	64	14 X 14	0.8	17.2	17.2	14.0	14.0	15.8	15.8	
IC51-0644-824-2	64	14 X 14	0.8	17.9	17.9	14.0	14.0	16.7	16.7	
IC51-0644-824-5	64	14 X 14	0.8	16.0	16.0	14.0	14.0	15.2	15.2	
IC51-0644-820-2	64	14 X 20	1.0	17.6	23.6	14.0	20.0	16.3	22.3	
IC51-820-2-KS9376	64	14 X 20	1.0	17.9	23.9	14.0	20.0	16.8	22.8	Lidless IC201-0644-019
IC51-0644-820-1	64	14 X 20	1.0	18.7	24.7	14.0	20.0	17.0	23.0	
IC51-0684-734	68	10 X 14	0.65	13.2	17.2	10.0	14.0	11.8	15.8	
IC51-0684-730	68	27 X 27	1.27	30.0	30.0	27.0	27.0	27.5	27.5	Handmade w/ Separator
IC51-0724-119	72	16 X 20	0.8	18.0	23.0	16.0	20.0	16.6	21.5	
IC51-0724-698	73	16 X 20	0.8	18.2	23.1	16.0	20.0	16.5	21.4	
IC51-0804-808	80	12 X 12	0.5	14.0	14.0	12.0	12.0	13.3	13.3	FB IC201-0804-014
IC51-0804-795	80	14 X 14	0.65	16.0	16.0	14.0	14.0	15.3	15.3	
IC51-0804-711	80	14 X 14	0.65	17.2	17.2	14.0	14.0	15.8	15.8	
IC51-0804-956-2	80	14 X 14	0.65	17.2	17.2	14.0	14.0	16.0	16.0	IC149-080-017-S5
IC51-0804-819-6	80	14 X 20	0.8	17.2	23.2	14.0	20.0	15.8	21.8	
IC51-819-KS12720	80	14 X 20	0.8	17.2	23.2	14.0	20.0	16.3	22.3	IC201-0804-032
IC51-0804-819-2	80	14 X 20	0.8	17.6	23.6	14.0	20.0	16.3	22.3	
IC51-0804-819-1	80	14 X 20	0.8	17.9	23.9	14.0	20.0	16.8	22.8	Lidless IC201-0804-005
IC51-0884-999	88	20 X 20	0.8	23.0	23.0	20.0	20.0	22.3	22.3	
IC51-0884-1290	88	12 X 12	0.5	14.0	14.0	12.0	12.0	13.3	13.3	FB
IC51-1004-809	100	14 X 14	0.5	16.0	16.0	14.0	14.0	15.2	15.2	Lidless IC201-1004-008
IC51-1004-814-6	100	14 X 20	0.7	17.2	23.2	14.0	20.0	15.8	21.8	
IC51-1004-814-13	100	14 X 20	0.65	16.0	22.0	14.0	20.0	15.2	21.2	
IC51-814-KS12033	100	14 X 20	0.65	17.2	23.2	14.0	20.0	16.4	22.4	Lidless IC201-1004-028



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