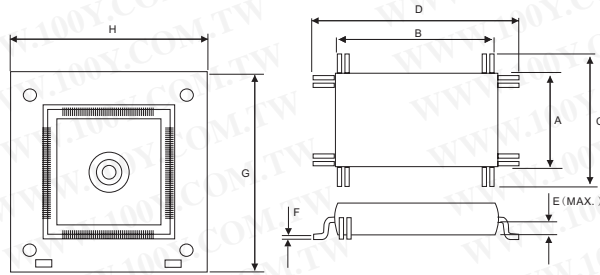


# Sockets & Accessories

## QFP/FPQ Burn-In/Test Sockets

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)



### 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
- Dielec. Withstd. Voltage: for 1 minute at 100V AC, pitch 0.4, 0.5
- for 1 minute at 500V AC, pitch 0.65
- for 1 minute at 700V AC, pitch 0.8
- Contact Resistance: 30m max. at 10mA/20mV max.
- Operating Temp. Range: -40°C to +150°C
- Contact Force: 20g to 80g per pin
- Mating Cycles: 10,000 insertions min. 5,000 insertions min. (IC234-1004-009)

PART NUMBER	PIN COUNT	PITCH (mm)	IC DIMENSIONS					SOCKET DIM.	
			A*B	C	D	E	F	G	H
IC234-0324-044	32	0.8	7.0*7.0	9.00	9.00	0.67	0.125	26.6	26.6

### Materials and Finish

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

### Features

- Open top sockets for QFP packages using a shoulder contact system
- Universal socket for both long and short IC leads
- Contact system protects the IC lead from wear and tear during testing

Part No.	Product No.	Manufacturer	Description	Pins/Pitch	Suitable IC package
43097	IC234-0324-044P	YAMAICHI	QFP-32P Burn-In Socket (Pitch:0.8)	32mm/0.8mm	QFP



IC51-0242-270



IC51-0644

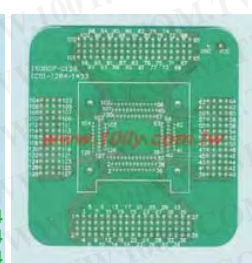


IC51-0324

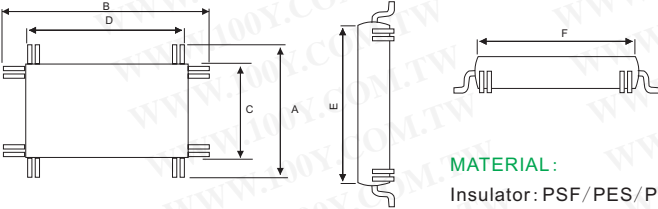


IC51-1497-KS11444

IC51-1004  
IC51-1124  
IC51-1204



IC51-1284-1433



### CHARACTERISTICS

- Insulation resistance: 1,000MΩ minimum at 500VDC
- Withstanding voltage: 700 VAC for 1 Minute
- Contact resistance: 30mΩ max. at 10mA/20mV (Initial)
- Operating temperature: PES/PEI -55°C~+170°C
- PSF -40°C~+150°C
- Contact: Beryllium copper
- Plating: Gold over nickel

### MATERIAL:

Insulator: PSF/PES/PEI

PART NUMBER	NO. OF LEADS	BODY SIZE	PITCH	MATCHING PACKAGE SIZE						NOTES
				A	B	C	D	E	F	
IC51-1004-809	100	14*14	0.5	16.0	16.0	14.0	14.0	15.2	15.2	Lidless IC201-1004-008
IC51-0644-807	64	10*10	0.5	12.0	12.0	10.0	10.0	11.3	11.3	FB lidless IC201-0644-003
IC51-1204-1812	120	14*14	0.4	16.0	16.0	14.0	14.0	15.2	15.2	Floating Base
IC51-1284-1433	128	14*20	0.5	16.0	22.0	14.0	20.0	15.0	21.0	Floating Base
IC51-1284-1433-10	128	14*20	0.5	17.2	23.2	14.0	20.0	16.4	22.4	Floating Base
IC51-1444-1354-7	144	20*20	0.5	22.0	22.0	22.0	20.0	20.0	21.3	Floating Base/TQFP
IC51-1497-KS11444	120	28*28	0.8	31.9	31.9	28.0	28.0	30.5	30.5	

Part No.	Product No.	Manufacturer	Description	Pins/Pitch	Temperature Endurance °C	Suitable IC package
39269	IC51-0242-270-1	YAMAICHI	24P QFP Burn-In Socket	24P/0.5		QFP
39270	IC51-0242-270-3	YAMAICHI	24P QFP Burn-In Socket	24P/0.8		QFP
14630	IC51-0324-1498	YAMAICHI	32P QFP Test Socket	32P		
39267	IC51-0324-1498	YAMAICHI	32P QFP Burn-In Socket	32P/0.8		QFP
39467	IC51-0644-807	YAMAICHI	64P QFP-64P Test Sockets	64P		
14592	IC51-0644-820-5	YAMAICHI	64P QFP-64P Test Sockets	64P		
39266	IC51-0644-824-X	YAMAICHI	64P QFP Burn-In Socket	64P/0.8		QFP
42825	IC51-1004-395	YAMAICHI	Bumper Quad Flat Package(BQFP)	100P/0.3	-55°C to +170°C	BQFP
40802	IC51-1004-809	YAMAICHI	100P Burn-In Socket	100P/0.5mm	-55°C to +170°C	
49791	IC51-1004-814-1	YAMAICHI	Block conversion meter (fold-away)	100P/0.65mm	-55°C to +170°C	
29599	IC51-1004-814-2	YAMAICHI	100P QFP-100P Test Sockets	100P/0.65mm	-55°C to +170°C	
27483	IC51-1004-814-2+QFP100PCB-E	YAMAICHI	100P QFP-100P Test Sockets	100P/0.65mm	-55°C to +170°C	
39105	IC51-1124-1036	YAMAICHI	112P QFP-100P Test Sockets	112P/0.65mm	-55°C to +170°C	QFP
39106	IC51-1204-1812	YAMAICHI	100P QFP-120P Test Sockets	120P/0.40mm	-55°C to +170°C	QFP
39110	IC51-1284-1433	YAMAICHI	120P QFP-120P Test Sockets	128P/0.5mm	-55°C to +170°C	QFP



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