

Sockets & Accessories

SOP/SSOP/TSOP Burn-In Sockets

Detailed product specifications are available on: us.100y.com.tw

SPECIFICATIONS

Contact resistance: Initial 30mΩ or 50mΩ (At 10mA)
 Maximum voltage: AC700V RMS (for 1 minute)
 * Below 0.5mm Pitch
 AC500V RMS (for 1 minute)
 Insulation resistance: 1,000MΩ or higher (At DC 500V)
 Rated current: 1A

Operating temperature range: -60°C ~ +150°C
 Terminal strength against pulling: 0.5kg (1 minute)
 Insertion: Min. 10,000 times (Mechanical)

MATERIAL

Body: PEI, PES
 Contact: BeCu, SnNiCu, Au plating (Ni-base)

Part No.	Product No.	Manufacturer	Description	Pins/Pitch	Temperature endurance°C	Suitable IC package
48646	FP-20-0.65-01A	ENPLAS	with Floating 20P Pitch:0.65	20P/0.65	-60°C ~ +150°C	
38001	FP-20-1.27-06	ENPLAS	Applicable IC/SOP SOL SSOP TSOP	1.27	-60°C ~ +150°C	
22444	FP-24-1.27-08	ENPLAS	Applicable IC/SOP SOL SSOP TSOP	1.27	-60°C ~ +150°C	SOP
46684	FP-28-1.27-07	ENPLAS	28P-SOP Burn-In Socket	28P-1.27mm	-60~150 °C	SOP
22445	FP-28-1.27-08A	ENPLAS	SOP SOL SSOP TSOP Burn-In Socket	28P-1.27mm	-60~150	SOP



Part No.	Product No.	Manufacturer	Description	Pins/Pitch	Temperature endurance°C	Suitable IC package
38990	IC191-0482-004	YAMAICHI	48P TSOP Test Sockets	48P/0.5mm	-40°C to +150°C	TSOP



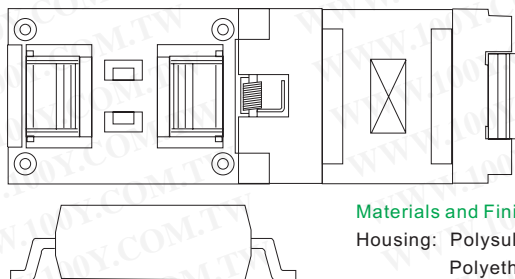
CHARACTERISTICS

Insulation resistance: 1,000MΩ minimum at 500VDC
 Withstanding voltage: 700 VAC for 1 Minute
 Contact resistance: 30mΩ max. at 10mA/20mV (Initial)
 Operating temperature: -40°C~+150°C

MATERIAL:

Insulator: PES/PEI (Glass filled)
 Contact: Beryllium copper
 Plating: Gold over nickel

Part No.	Product No.	Manufacturer	Description	Pins/Pitch	Suitable IC package
28957	IC51-0162-1042	YAMAICHI	SOP-16 IC Test Socket	16P/1.27mm	SOP
28054	IC51-0242-793	YAMAICHI	SOP-24 IC Test Socket	24P/1.27mm	SOP
17045	IC51-0402-1174	YAMAICHI	40P TSOP Sockets	40P/0.5mm	



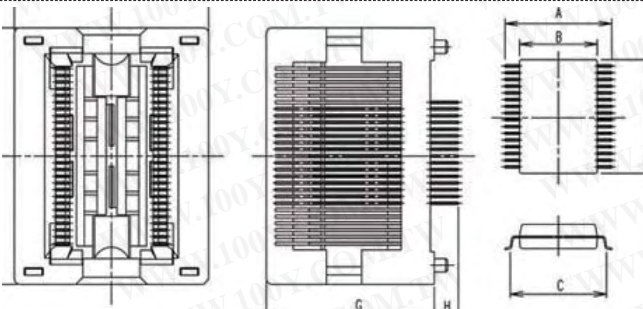
Specifications

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 (type PSF)
 -55°C to +170°C (type PES & PEI)
 Mating Cycles: 10,000 insertions min.

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 No.	Product No.	Manufacturer	Description	Pins/Pitch	Temperature endurance°C	Suitable IC package
17227	IC51-0482-2018	YAMAICHI	TSOP Sockets	40P/0.5mm	-40°C to +150°C	TSOP 48P
49794	IC51-0562-1387	YAMAICHI	YAMAICHI IC testing Block	56/0.635mm	-55 °C to +170 °C (type PES & PEI)	



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 AC500V RMS (for 1 minute)
 Insulation resistance: 1,000MΩ or higher (At DC 500V)
 Rated current: 1A
 Operating temperature range: -60°C ~ +150°C
 Terminal strength against pulling: 0.5kg (1 minute)
 Insertion: Min. 10,000 times (Mechanical)

MATERIAL

Body: PEI, PES
 Contact: BeCu, Au plating (Ni-base)

Part No.	Product No.	Manufacturer	Description	Pins/Pitch	Temperature endurance°C	Suitable IC package
20683	OTS-16-1.27-03	ENPLAS	Open Top Burn-in Socket	16P/1.27mm	-65°C ~ +150°C	SOP

