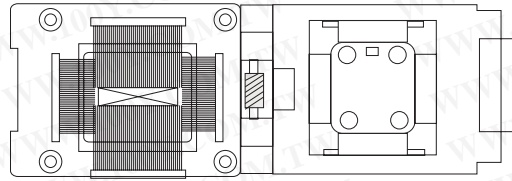


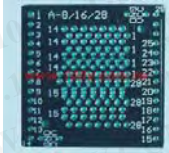
Sockets & Accessories

QFP/FPQ Burn-In/Test Sockets

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



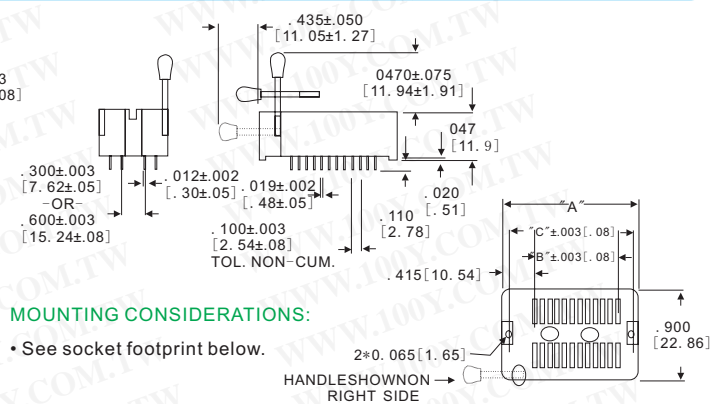
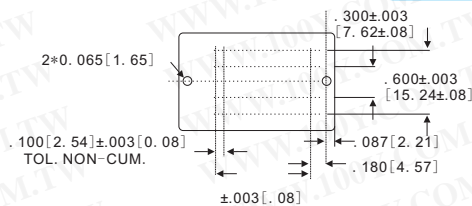
Part No.	Product No.	Description	Pins/Pitch
12185	QFP100PIN814	Clam Shell ZIF QFP 100Pins Socket	100P



Part No.	Product No.	Description
22446	SO-DIP-PCB	PCB For Burn-In Socket

Universal ZIF Sockets

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



FEATURES:

- Aries' Universal Test Socket accepts devices on .300 to .600 [7.62 to 15.24] centers.
- All pin count sockets go into PCB with either .300 or .600 [7.62 to 15.24] centers.
- Contacts are normally closed to eliminate dependence on plastic to sustain contact.
- Socket handle can be configured with closed contacts (on) when in the UP or DOWN position, and can be mounted on either the right or left side.
- Sockets can be soldered into PCBs or plugged into any socket. Socket fits into Aries' or any competitive test socket receptacle.

MOUNTING CONSIDERATIONS:

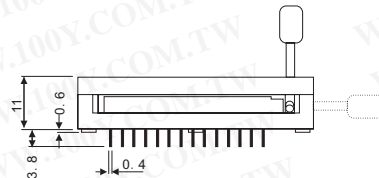
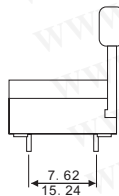
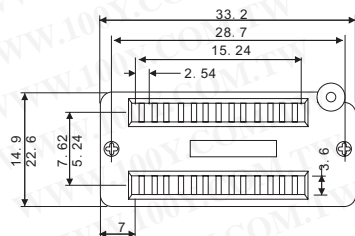
- See socket footprint below.

SPECIFICATIONS:

- Socket body is black UL 94V-0 Glass-filled Polyphenylene Sulfide (PPS).
- Handle is Stainless Steel.
- Handle knob is Brass Alloy 360, 1/2 hard.
- Contacts are Beryllium Copper Alloy 172 per QQ-C-533 or Spinodal Alloy.
- Beryllium Copper contact plating is either 200 [5.08m] min. 90/10 Tin/Lead per MIL-T-10727 or 10 [1.25m] min. Gold per MIL-G-45204 over 50 [1.27m] min. Nickel per QQ-N-290.
- Spinodal contact plating is 50 [1.27m] Nickel Boron.

- Contact current rating=1 Amp.
- Insulation resistance=1000 MOhms min.
- Dielectric withstanding voltage= 1000 VAC.
- Life cycle: 25,000 to 50,000 cycles.
- Operating temp.: 221°F [105°C] Tin plating, 302°F [150°C] Gold plating, 392°F [200°C] Nickel Boron plating.
- Retention Force (when closed)=55 grams/pin based on a .020 [.51] diameter test lead.
- Accepts leads .015-.045 [.38-1.14] wide, .110-.280 [2.79-7.11] long.

Part No.	Product No.	Description	Pins/Pitch	Dis. Between Row mil	Upper /nether	Temperature Endurance °C
13425	1CDIP001	40P DIP Socket	40P/2.54mm	300-600mil	Upper	-50~150°C
12941	1CDIP002	32P DIP Socket	32P/2.54mm	300-600mil	Upper	-50~150°C



Material:

Housing: 30% Glass filled PBT UL94V-0
 Contacts: Phosphor Bronze
 Plating: Gold plated: 3u" over 50u" nickel
 Tin plated: 100u" over 50u" nickel

Electrical Characteristics:

Current Rating: 1 AMP
 Insulator Resistance: 5000MΩmin. at DC 500V
 Contact Resistance: 20mΩmax. at DC 100mA
 Operating Temperature: -55°C~+105°C

Features:

For DIPs with ~100" lead spacing.
 Lever actuated zero instrtion force mechanism.
 Socket easily disassembles for repairability.
 Socket contact point of .11 O" below top surface of socket.

Part No.	Product No.	Description	Pins/Pitch	Dis. Between Row mil	Upper /nether	Temperature Endurance °C
15141	214-3345-NARROW	14P DIP Socket	14P/2.54mm	300mil	Upper	-50~105°C



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