	NO.	A30879	PAGE 1
SPECIFICATION	Edition	4	

EMS MACHINE PIN SOCKET (SIP & DIP)

1. FEATURES:

- 1-1 Funnel shaped four-fingered and six-fingered contacts provide easy IC insertion and withdrawl, high reliability.
- 1-2 Gold plated contacts to ensure low contact resistance and
 Tin plated terminal to prevent contamination during soldering.
- 1-3 All plastics are UL 94V-0 grade fire retardant plastics.
- 1-4 Fit standard pitch with 2.54 mm x 2.54 mm (0.100 " x 0.100 ") pin spacing.

2. SPECIFICATION:

2-1 ELECTRICAL

2-1-1 Contact Rating

2-1-2 Contact Resistance

2-1-3 Insulation Resistance

2-1-4 Dielectric Strength

2-1-5 Capacitance between

I Amp DC Max.

 $10 \text{ m}\Omega \text{ Max}$.

10 M Ω Min. at 100 VDC

1000 VAC Min for 60 sec.

0.9 pF Max adjacent pin

2-2 MECHANICAL AND ENVIRONMENTAL

2-2-1 Temperature Rating

Operating

2-2-2 Life cycle

(with insertion and withdrawl)

2-2-3 Humidity

2-2-4 Vibration

2-2-5 Solderability

2-2-6 Soldering Heat

-55°C to +125°C

100 cycles Min.

90% to 95% RH,

40°C for 96 Hrs

10 to 55 Hz for 6 Hrs

230 ± 5°C for

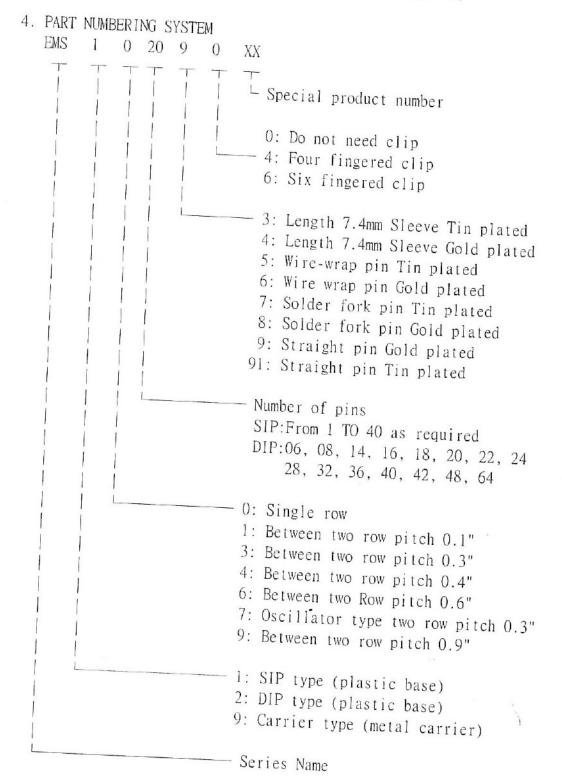
 5 ± 0.5 seconds 95% coverage After $260\pm5^{\circ}$ C for 5 ± 1 sec. shall have no deterioration

1		-	
	NO.	A30879	PAGE
SPECIFICATION	Edition	4	
3. MATERIALS			

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3-1 Sleeve: Brass.

3-2 Clip: Beryllium copper; gold plated over nickel.



	NO.	A30879	PAGE 3
SPECIFICATION	Edition	4	

5. PACKING

5-1 PACKING METHOD

Sockets are packed into IC tubes as an inner packing unit and then IC tubes are budled together with rubber bands. However single row sockets are packed in plastic bags.

5-2 INFORMATION ON THE LABLE.

(1) DESCRIPTION.

(6) ECE MARK.

(2) LOT NO.

- (7) QC STAMP.
- (3) REPROCESS NO.
- (8) DATE.

(4) QUANTITY.

(9) MANUFACTURERS NAME.

(5) TESTER NO.

6. DRAWINGS

Socket dimensions

: see attached drawing.

P.C.B. layout diagram : see attached drawing.