

SOICW-8 Socket to DIP-8 Adapter (5.4 mm body, 1.27 mm pitch)

Product Highlights

RoHS Compliant
Comes fully assembled
Immersion Gold PCB Finish
Gold plated DIP pins

Specifications

Top-side socket type:

PCB construction:

PCB operating temperature range:

PCB reflow maximum temperature:

PCB Assembly standard:

Bottom Side DIP pin spacing:

Proto-Advantage PA-SOCKET-SOICW-8-1.27

FR-4 UL94V-0

-40°C to +130°C

+260°C

IPC-A-610 Class II

0.1" (2.54mm) pitch, 0.3" (7.62mm) row-to-row

Product Images

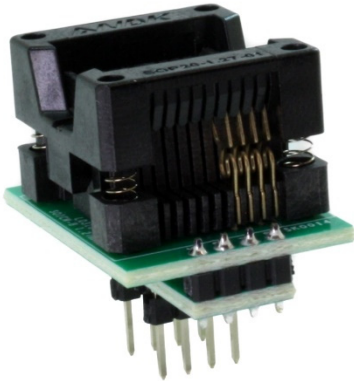


Image 1: Top View of Socket Adapter

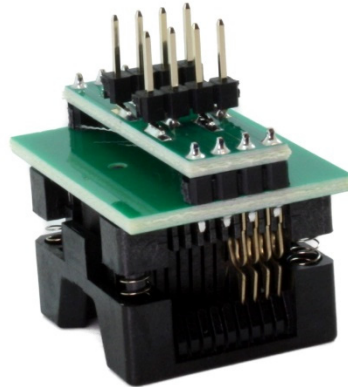


Image 2: Bottom View of Socket Adapter

1 2 3 4 5 6 7 8 9 10 11 12

A B C D E F G H

23.4
13.9
5.4
3
127±9=11.43
1.27
SOP20-1.27-01
6
A

15.5 0.5 2.5
3 0.5 1.4
1.27 0.3
12±0.1

PCB PATTERN (TOP VIEW)

19.3±0.05
19
14.22±0.05
12±0.05
1.27±0.05
3.81±0.05
16-Ø0.65±0.01
4-Ø3
STANDOFF AREA
2-Ø1.6±0.03

Insertion

8.2±0.1
5.4±0.1
1.5
14.22
19.3
2.5
13
SEC.A-A
Contact Retracted

CONTACT LEAD
W0.5X0.3

SEC.A-A

IC

TOP Contact

BOTTOM Contact

CONTACT TIP DETAIL

PERFORMANCE

1. Insulation Resistance: 1000MΩ Min.At DC 500V
2. Dielectric Withstanding Voltage For 1 Minute At AC 700V
3. Contact Resistance 30mΩ MAX.at 10mA and 20mV MAX.(Initial)
4. Current Rating: 1A max.
5. Operation Temperature -55°C ~+175°C
6. Contact Force 5-8g Per Pin (Normal)
7. Life Span 15,000 Times (Mechanical)
8. Operation Force 1.0 Kg MAX

3.81±0.05
1.27±0.05
0.15±0.05
5.4±0.3
7.9±0.2
0.50±0.3
MAX6.1

PROJECTION

GENERAL DIMENSIONS

REV A

±0.10

TITLE

PA-SOCKET-SOP20W-1.27

CLASS

DEV. NO

PROTO ADVANTAGE®

NO	Part Number	Name	Material	Q'ty	Note
6	SOP-20-U01-003	ADAPTER	PEI/PES	1	BLACK
5	SOP-20-U01-002	COVER	PEI/PES	1	BLACK
4	30-B-4515X	SPRING	SUS	4	FDR COVER
3	SOP-20-U01-001	BASE	PEI/PES	1	BLACK
2	SOP-20-MSBR-02	CONTACT	BeCu	8	Au PLATING
1	SOP-20-MSBR-01	CONTACT	BeCu	8	Au PLATING

DIMENSION:	mm	SCALE:	1:1	DATE:	DATE:
APP:					
CHECK:					
DESK:					

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