

# SMT Machined Dip Socket



## Features:

- Process temperature, 260°C for 10 sec. / 215°C for 2 minutes
- Four finger clip with funnel design entry
- Side and end stackable
- Pin 1 polarized

## Specifications:

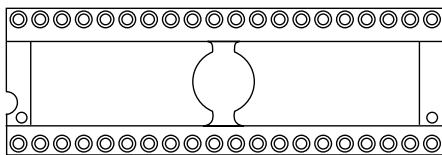
### Ratings:

Current	: 1A max.
Voltage	: 10mV to 60V
Dielectric Strength	: > 1,000V (RMS)
Contact Resistance	: ≤7mΩ
Insulation resistance	: > 10 <sup>12</sup> Ω
Air and Creepage Distance	: > 0.6mm
PCB Thickness	: 1.6mm to 2mm
PCB Hole Size	: 0.7mm to 0.9mm

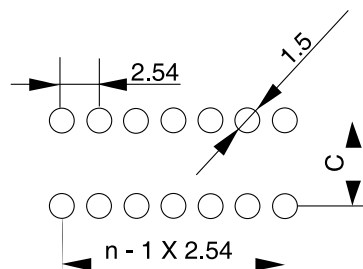
### Material:

Plastic	: PBT Glass-filled
Sleeve	: Turned brass, Flash copper plated, Nickel 2-3μm, Tin 5μm
Clip	: Beryllium-copper, Nickel 2-3μm, Gold 0.25μm
Temperature Range	: -55°C / +125°C, 260°C for 5 sec. (solder bath resistant)
Insertion Depth	: 2.4mm min. to 3.9mm max.
Insertion Diameter	: 0.4mm min. to 0.56mm max.
Mechanical Life	: 100 cycles

## Dimensions:



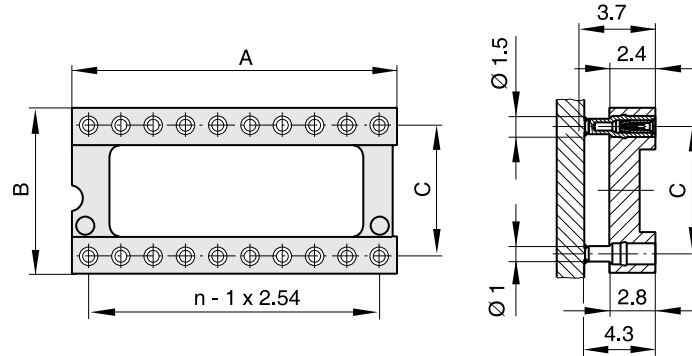
OPTIONAL PICK AND PLACE PAD



RECOMMENDED PCB LAYOUT

Dimensions : Millimetres

# SMT Machined Dip Socket



Part Number	Positions	A	B	C
SPC15563	08	10.16	10.08	7.62
SPC15564	14	17.78	10.08	7.62
SPC15565	16	20.32	10.08	7.62

Dimensions : Millimetres

## Part Number Table

Description	Part Number
SMT Machined Dip Socket Series	SPC15563
	SPC15564
	SPC15565

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