



# SIP (SINGLE IN-LINE PACKAGE) SOCKET

TE Connectivity's (TE) SIP socket with machined female header provides a highly reliable connection between the integrated circuit device and PCB. Compared with dual in-line package (DIP) socket, SIP socket typically more compact, enabling it to handle higher-density configuration. The 2.54 mm pitch machined female socket with high quality materials supports easy assembly and improved durability. It is a useful solution for board-to-board interconnection.

## MARKETS

- Industrial
- Telecommunication

## APPLICATIONS

- PLC & control cabinet
- Industrial computing & computer
- Communication interconnection

## KEY BENEFITS

### Easy Assembly

- Support quick mating and un-mating
- Enable easy replacement of the IC

### Optimized Design

- Minimize the risk of IC overheating during soldering
- Provide improved vibration resistance with multi-contact beam design

### Better Durability

- Durability up to 500 cycles with gold plating
- Support flame resistance with UL 94V-0 rating with PPS (polyphenylene sulfide) housing

### Broad Portfolios

- Offer various specifications to address customer demands

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## STANDARD PRODUCT OFFERING

Part Number	Description	Length (mm)	Width (mm)	Height (mm)	Pitch (mm)	Number of Row	Number of Pin	Contact Plating	Packaging
<a href="#">1-2444090-0</a>	SIP IC Socket 9P Au flash	22.86	2.54	7.43	2.54	1	9	Au flash	Tray
<a href="#">1-2444090-1</a>	SIP IC Socket 15P Au flash	38.1	2.54	7.43	2.54	1	15	Au flash	Tray
<a href="#">1-2444090-3</a>	SIP IC Socket 32P Au flash	81.28	2.54	7.43	2.54	1	32	Au flash	Tray
<a href="#">1-2444090-4</a>	SIP IC Socket 40P Au flash	101.6	2.54	7.43	2.54	1	40	Au flash	Tray
<a href="#">2444090-1</a>	SIP IC Socket 10P Au 0.75	25.4	2.54	7.43	2.54	1	10	Au 0.75	Tray
<a href="#">2444090-2</a>	SIP IC Socket 10P Au flash	25.4	2.54	7.43	2.54	1	10	Au flash	Tray
<a href="#">2444090-3</a>	SIP IC Socket 16P Au flash	40.64	2.54	7.43	2.54	1	16	Au flash	Tray
<a href="#">2444090-4</a>	SIP IC Socket 20P Au 0.75	50.8	2.54	7.43	2.54	1	20	Au 0.75	Tray
<a href="#">2444090-5</a>	SIP IC Socket 20P Au flash	50.8	2.54	7.43	2.54	1	20	Au flash	Tray
<a href="#">2444090-6</a>	SIP IC Socket 2P Au flash	5.08	2.54	7.43	2.54	1	2	Au flash	Tray
<a href="#">2444090-7</a>	SIP IC Socket 4P Au flash	10.16	2.54	7.43	2.54	1	4	Au flash	Tray
<a href="#">2444090-8</a>	SIP IC Socket 5P Au flash	12.7	2.54	7.43	2.54	1	5	Au flash	Tray
<a href="#">2444090-9</a>	SIP IC Socket 7P Au flash	17.78	2.54	7.43	2.54	1	7	Au flash	Tray
<a href="#">2485254-1</a>	SIP Dual Row Socket 3P Au flash	7.62	5.08	5.40	2.54	2	6	Au flash	Tray
<a href="#">2485255-1</a>	SIP Dual Row Socket 20P Au flash	50.8	5.08	7.43	2.54	2	40	Au flash	Tray
<a href="#">2485256-1</a>	SIP Socket 2P Au flash	5.08	2.54	17.8	2.54	1	2	Au flash	Tray
<a href="#">2485257-1</a>	SIP Socket 3P Au flash	7.62	2.54	14.3	2.54	1	3	Au flash	Tray
<a href="#">2485258-1</a>	SIP Dual Row R/A Socket 3P AU FLASH	7.62	8.18	8.49	2.54	2	6	Au flash	Tube
<a href="#">2485259-1</a>	SIP Socket 4P Au flash - SMD	10.16	2.54	5.60	2.54	1	4	Au flash	Reel
<a href="#">2485259-2</a>	SIP Socket 8P Au flash - SMD	20.32	2.54	5.60	2.54	1	8	Au flash	Tube
<a href="#">2485263-1</a>	SIP Dual Row Socket 3P Au flash - SMD	7.62	5.08	5.60	2.54	2	6	Au flash	Tube

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