



LGA 4189 SOCKET AND HARDWARE

NEXT-GENERATION LGA 4189 SOCKET AND HARDWARE PROVIDE INCREASED RELIABILITY FOR THE LATEST CPUs.

TE Connectivity's (TE) new LGA 4189 socket and hardware are qualified to support next generation CPUs. As one of a limited number of suppliers of this technology, TE is your dependable socket partner to support current and future CPU designs.

APPLICATIONS

- Servers
- Data Centers
- High Performance Computing (HPC)

LGA 4189 Socket and Hardware

ELECTRICAL

- Current rating: 0.5 Amps
- Insulation resistance: 800 megohms min. @ 500 VDC

MECHANICAL

- Durability: 30 cycles

MATERIALS

- Housing: LCP
- Contact: Copper alloy, 15u" or 30u" gold plated
- Cap: Thermoplastic

SPECIFICATIONS

- Product specification #108-115149

PRODUCT OFFERING

Socket

LGA 4189 Socket Name	TE Part Number (individual package)	Final Assembly	Plating
LGA 4189-4	1-2324271-1	Right Segment	30u"
	1-2324271-2	Left Segment	30u"
	1-2324271-3	Right Segment	15u"
	1-2324271-4	Left Segment	15u"
LGA 4189-5	1-2324271-5	Right Segment	30u"
	1-2324271-6	Left Segment	30u"
	1-2324271-7	Right Segment	15u"
	1-2324271-8	Left Segment	15u"

Hardware

TE Part Number	Description
2-2330550-1	LGA 4189-4 Bolster plate w/o dust cover
2-2330550-2	LGA 4189-4 Bolster plate with dust cover
3-2330550-1	LGA 4189-5 Bolster plate w/o dust cover
3-2330550-2	LGA 4189 Bolster plate with dust cover
2-2330551-1	LGA 4189 Back plate (PCB: 1.42mm-2.79mm)
2-2330551-2	LGA 4189 Back plate (PCB: 2.79mm-3.94mm)
2-2330552-2	LGA 4189-4 Carrier
3-2330552-1	LGA 4189-5 Carrier
2-2330553-1	LGA 4189 Hardware Dust cover

For information on product availability, please contact your TE representative.



BENEFITS

- **Support next-generation processors supporting PCIe Gen 4:** The next generation processors support PCIe Gen 4 and four and eight multi-processor system architectures
- **Full solution provider:** TE has both socket and hardware parts available for a full solution
- **Dependable partner:** As new generations of chip platforms are developed, TE will offer the latest LGA sockets for your designs. Our flexible tooling provides fast turnaround time for prototypes so sockets can be in your hands at the earliest stages of your design process

KEY FEATURES

- Pitch: 0.9906mm Hex
- SP height: 2.7mm
- Cont. NF: 25gf @ nominal def.
- Pin count: 4,189
- Housing: two-piece design

TE Technical Support Center

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