



Connectors > Socket Connectors > IC Sockets > PGA Sockets



IC Socket Type: mPGA

Number of Positions: 350

Contact Mating Area Plating Material: Gold

Chip Compatibility: TI Chip

Grid Spacing: 1 x 1 mm [.039 x .039 in]

## Features

### Product Type Features

ZIF Actuator	Screwdriver/Cam
Insertion Force Type	ZIF
Leg Style	Pin Grid Array (PGA)
Chip Compatibility	TI Chip
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

Number of Positions	350
Grid Spacing	1 x 1 mm [.039 x .039 in]

### Body Features

Sleeve Material	Copper Alloy
Sleeve Plating Material	Tin-Lead over Nickel
Frame Style	Open
Actuator Material	Stainless Steel
Connector Profile	Standard

### Contact Features



Contact Fabrication	Stamped & Formed
	50 µin
PCB Contact Termination Area Plating Material	Gold
Contact Base Material	Copper Alloy
IC Socket Type	mPGA
Contact Mating Area Plating Material	Gold

### Mechanical Attachment

PCB Mounting Style	Surface Mount
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### Housing Features

Housing Material	High Temperature Thermoplastic
Housing Color	Black

### Dimensions

Socket Overall Height	4 mm [.157 in]
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### Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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### Operation/Application

Assembly Process Feature	Pick and Place Cover, Tape
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### Identification Marking

Socket Identifier	DMD350
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### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Quantity	120
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## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235)



Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Reflow solder capable to 260°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

### Compatible Parts



TE Part # 1447009-8  
SHIELD FINGER 3525Z



TE Part # 2319757-1  
DUAL LGA, 257 POS, DMD SOCKET

### Customers Also Bought



TE Part #5-1761613-5  
STEP-Z RCPT 05MM 104P LF ST



TE Part #2085945-1  
QSFP+ Assy, 2x1, Gskt, 2LP-Outr, Sn EONs



TE Part #1674459-4  
Std USB Type A, R/A, T/H, Natural, HighDur



TE Part #2302014-2  
ZSFP+ 1X8 CAGE ASSY, PRESS-FIT, LP, HS



TE Part #6-1761612-5  
STEP-Z PLUG 15MM 104P LF ST



TE Part #1888971-4  
QSFP TB CAGE ASSY, W/LP, NO HS



TE Part #2299924-1  
ZQSFP+ STACKED REC ASSEMBLY  
2X3,4LP HS



TE Part #2317599-2  
2X8 SFP+, EMI SPRINGS, REVERSED  
LP



TE Part #2293156-7  
ZSFP+ 1X6 CAGE ASSY, PRESS-FIT, HS



TE Part #2302014-4  
ZSFP+ 1X8 CAGE ASSY, PRESS-FIT,  
LP, HS

## Documents

### Product Drawings

[SOCKET ASSY, DMD 350, T/R, G/F](#)

English

### CAD Files

[3D PDF](#)

3D

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2041549-1\\_A.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2041549-1\\_A.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2041549-1\\_A.3d\\_stp.zip](#)

English

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### Product Specifications

[Product Specification](#)

English

[Product Specification](#)

English