



Connectors > Socket Connectors > IC Sockets > PGA Sockets



IC Socket Type: **rPGA**

Number of Positions: **947**

Contact Mating Area Plating Material: **Gold**

Chip Compatibility: **Intel® Core™ rPGA947**

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	Intel® Core™ rPGA947

Configuration Features

Number of Positions	947
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
	15 μin
PCB Contact Termination Area Plating Material	Gold
Contact Base Material	Copper Alloy
IC Socket Type	rPGA



Contact Mating Area Plating Material	Gold
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Mechanical Attachment

PCB Mounting Style	Surface Mount
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Housing Features

Housing Material	High Temperature Thermoplastic
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Housing Color	Black
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Dimensions

Socket Overall Height	4 mm [.157 in]
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Operation/Application

Assembly Process Feature	Pick and Place Cover, Tape
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Identification Marking

Socket Identifier	None
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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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: DEC 2013 (151) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Reflow solder capable to 260°C
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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>

Also in the Series | Alcoswitch PKA



Switch Knobs(4)



Toggle Switches(3)

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2229490-3_A_c-2229490-3-a.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2229490-3_A_c-2229490-3-a.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2229490-3_A_c-2229490-3-a.3d_stp.zip](#)

English

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