2013620-3 × OBSOLETE

ALCOSWITCH PKA

TE Internal #: 2013620-3

TE Internal Description: SOCKET ASSY W/EMBOSS TAPE 56mm, rPGA989

View on TE.com >

Connectors > Socket Connectors > IC Sockets > PGA Sockets



IC Socket Type: **rPGA**

Number of Positions: **989**

Contact Mating Area Plating Material: **Gold (Au)**

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

Features

Product Type Features

Leg Style	Pin Grid Array (PGA)
ZIF Actuator	Screwdriver/Cam
Insertion Force Type	Zero Insertion Force (ZIF)

Configuration Features

Number of Positions	989
Grid Spacing	1 x 1 mm[.039 x .039 in]

Body Features

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

Contact Features

Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Gold
Contact Fabrication	Stamped & Formed
Contact Mating Area Plating Material Thickness	.381 µm[15 µin]
IC Socket Type	rPGA
Contact Mating Area Plating Material	Gold (Au)

Termination Features

Termination Method to PCB	Surface Mount

Housing Features

Housing Color	Black
Housing Material	High Temperature Thermoplastic

Dimensions

Socket Overall Height	4 mm[.157 in]

Operation/Application

Assembly Process Feature	Pick and Place Cover, Tape

Identification Marking

Socket Identifier	rPGA989

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	120

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	Not Yet Reviewed
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 2025 (250) Candidate List Declared Against: JUN 2018 (191) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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

Also in the Series | ALCOSWITCH PKA

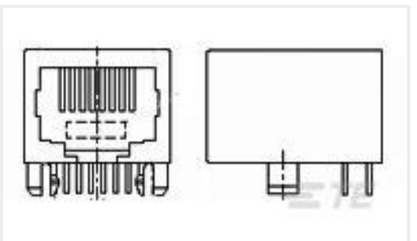


Switch Knobs(4)

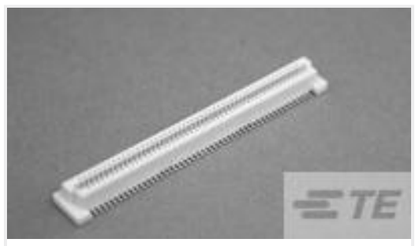
Customers Also Bought



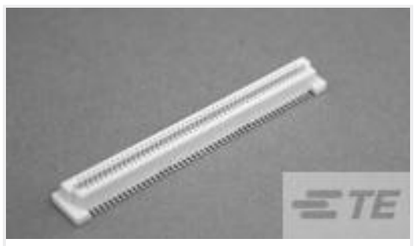
TE Part #5-292178-1
MINI DRAWER CONN FOR CT 22P



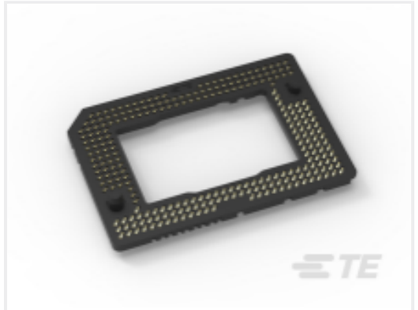
TE Part #1470648-1
RJ45,10P8C,LP,SIDE ENTRY,6u"



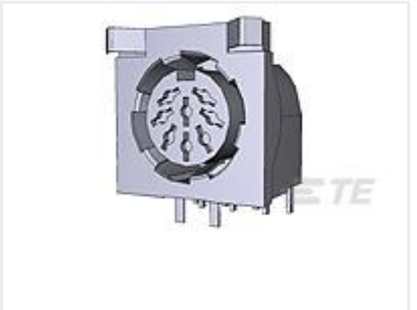
TE Part #1735482-4
0.8FH,R17H.5,100,08/Sn,TR,SC



TE Part #1735482-5
0.8FH,R17H.5,120,08/Sn,TR,SC



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



TE Part #5787013-1
8 CIRC DIN RCPT W/GRND FINGERS



TE Part #1-1649399-2
OZ-SH-112L1,200



TE Part #1461250-2
OZ-SH-124L,294



TE Part #2041529-1
Std HDMI, RA, SMT, Panel grd, Flange



TE Part #1-1461392-0
OZT-SH-124LM1,294

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_2013620-3_R.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2013620-3_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2013620-3_R.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

Sockets_for_rPGA989_and_rPGA988_Processors

English