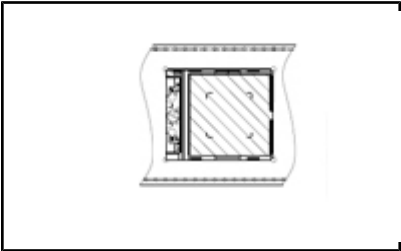


1-1903401-4 Product Details



1-1903401-4



Active

PGA Sockets



[Always EU RoHS/ELV Compliant](#) ([Statement of Compliance](#))

Product Highlights:

- Zero Insertion Force
- Number of Positions = 638
- PCB Mount Style = Surface Mount
- Grid Size = 26x26
- Grid Spacing = 1.27 x 1.27 mm

[View all Features](#) | [Find Similar Products](#)

NEW!

Documentation & Additional Information

Product Drawings:

- [SOCKET ASSY mPGA 638 POSITION](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files:

- None Available

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

[List all Documents](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- [Insertion Force](#) = Zero
- [Number of Positions](#) = 638
- PCB Mount Style = Surface Mount
- [Grid Size](#) = 26x26
- [Grid Spacing \(mm \[in\]\)](#) = 1.27 x 1.27 [.050 x .050]
- [Chip Compatibility](#) = Other
- [Frame Style](#) = Open
- [Heat Sink Attachment](#) = Without
- [ZIF Actuator](#) = Screwdriver/Cam
- [Profile](#) = Low
- Cover Material = Thermoplastic
- Leg Style = Ball Grid Array (BGA)

Termination Related Features:

- Socket Identifier = S1

Body Related Features:

- Pick and Place Cover = None
- Cover Color = Black
- Socket Overall Height (mm [in]) = 3 [0.118]

Contact Related Features:

- [Contact Style](#) = Stamped + Formed
- Contact Material = Copper Alloy
- Contact Mating Area Plating = Gold Flash

Housing Related Features:

- Housing Color = Black
- Housing Material = Thermoplastic
- Housing Flammability Rating = UL 94V-0
- Housing Material Temperature = Standard

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Reflow solder capable to 245°C
- RoHS/ELV Compliance History = Always was RoHS compliant

Operation/Application:

- [Application](#) = Production

Packaging Related Features:

- Packaging Method = Tape Mounted on Reel
- Packaging Quantity = 160 sockets/reel

Other:

- Brand = Tyco Electronics