molex®
one company › a world of innovation

Part Number: **0475976002**

Status: **Active**

Description: LGA 1156 Pan Screw for Desktop PC, 6.35mm (.250") Thread, Lead-free

Documents:

Drawing (PDF)   RoHS Certificate of Compliance (PDF)
Product Specification PS-47596-001 (PDF)

image - Reference only
Series

General

Product Family	Processor Sockets
Series	47596
Component Type	Screw
Product Name	LGA1156

Physical

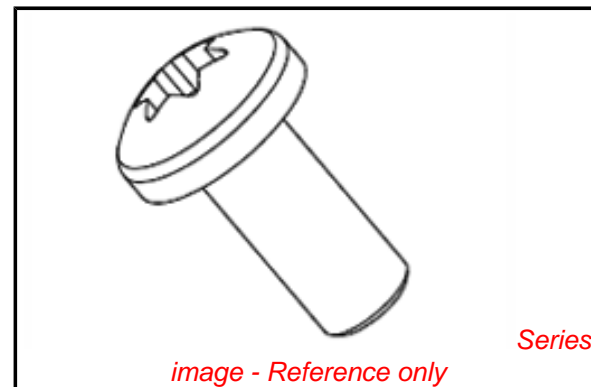|	
Circuits (Loaded)	N/A
Durability (mating cycles max)	20
Packaging Type	Bag
Pitch - Mating Interface (in)	0.000 In
Pitch - Mating Interface (mm)	0.00 mm
Temperature Range - Operating	-25°C to +100°C
Termination Interface: Style	Screw or Lug

Electrical

Current - Maximum per Contact	N/A
Voltage - Maximum	N/A

Material Info

Reference - Drawing Numbers

Product Specification	PS-47596-001
Sales Drawing	SD-47597-012

Intel and Nehalem and relevant names are either trademarks or registered trademarks of Intel Corporation

EU RoHS   **China RoHS**

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

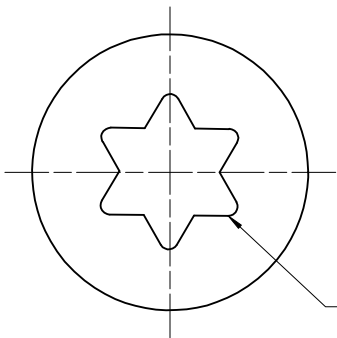**Halogen-Free Status**

Halogen-Free

Need more information on product environmental compliance?

Email productcompliance@molex.com

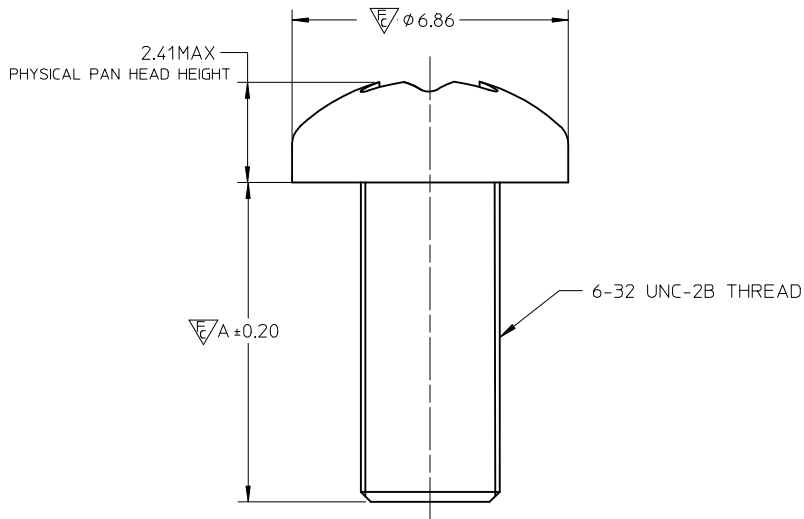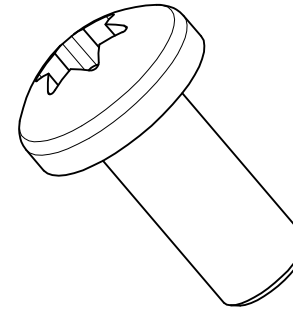For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
47596Series

Mates With
Intel* Nehalem Processor

6 POINT T-20 TORX DRIVE
RECESS DEPTH 2MM MIN
PARTIAL THREAD TAP IN
TOOL RECESS OKAY

⊤F/C⊤ ⌀6.86

2.41MAX
PHYSICAL PAN HEAD HEIGHT

6-32 UNC-2B THREAD

⊤F/C⊤ A ±0.20

NOTES:

1. MATERIAL: LOW CARBON STEEL.
   MIN HARDNESS-ROCKEWELL HARDNESS B70.
2. PLATING: 2 MICRON MINIMUM ELECTROLYTIC NICKEL.
   PROCESS TEST: 48 HOURS AT 85°C/85% HUMIDITY WITH NO VISIBLE CORROSION.
3. REMOVE ALL BURRS OR SHARP EDGES AROUND PERIMETER OF PART.
   SHARPNESS OF EDGES SUBJECT TO HANDLING ARE REQUIRED TO MEET UL1439 TEST.
4. PART SHALL BE DEGREASED AND FREE OF OIL AND DIRT MARKS.
5. THE PART IS COMPLAINT TO RoHS DIRECTIVE 2002/95/EC AND ELV DIRECTIVE 2000/53/EC.

47597-6102	5.17
47597-6002	6.35
MATERIAL NUMBER	DIM A

QUALITY SYMBOLS

⊤F/A⊤ =0
⊤F/C⊤ =2
⊤F/P⊤ =0

GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.15	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 1°		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

REV A

DIMENSION STYLE: MM ONLY

SCALE: 6:1

DESIGN UNITS: METRIC

◎ ◁ THIRD ANGLE PROJECTION

DRAWN BY   DATE

CHECKED BY   DATE

APPROVED BY   DATE

TITLE: SCR,PAN,T20,6X30,H/16"L

molex   MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE

DOCUMENT NO.: SD-47597-012

SHEET NO.: 1 OF 1

SIZE A3

tb_frame_A3_P_AM_T
Rev. F 2009/06/18