

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0942411006](#)
Status: **Active**
Description: 4.50 (0.177") Header, 6 Circuits

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

General

Product Family	PCB Headers
Series	94241
Application	Wire-to-Board
Product Name	N/A

Physical

Breakaway	No
Circuits (Loaded)	6
Color - Resin	Black
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Bag
Pitch - Mating Interface (in)	0.177 In
Pitch - Mating Interface (mm)	4.50 mm
Pitch - Term. Interface (in)	0.177 In
Pitch - Term. Interface (mm)	4.50 mm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No
Surface Mount Compatible (SMC)	No
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	Contact Molex
-------------------------------	---------------

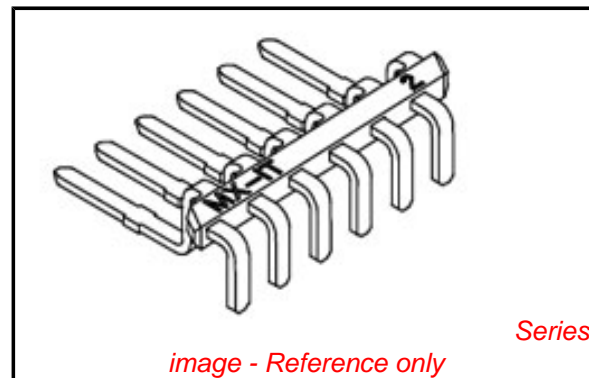
Solder Process Data

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-94241-001
---------------	--------------



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
 Not Reviewed
Halogen-Free
Status
Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

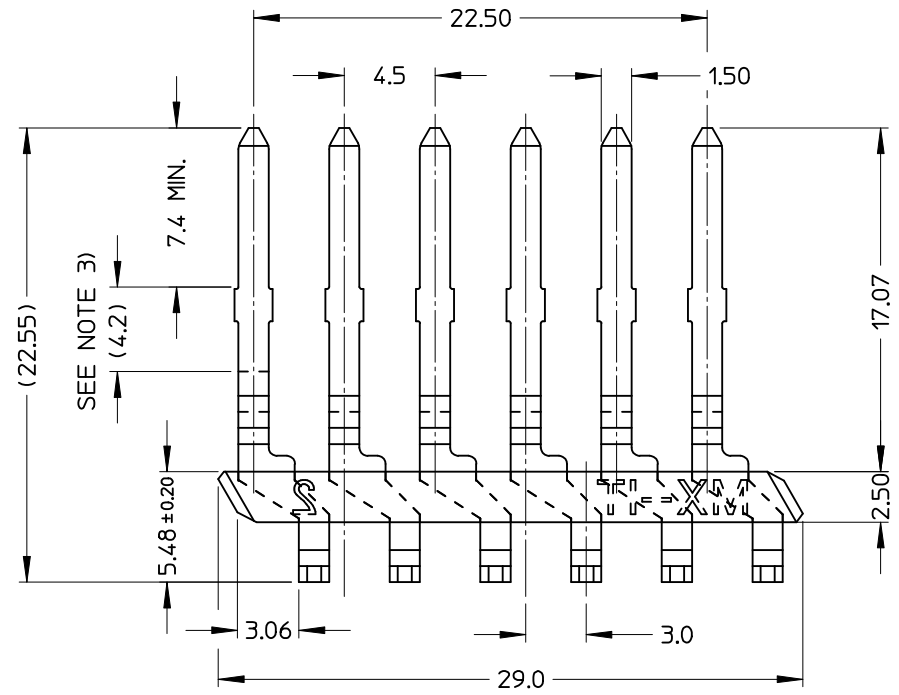
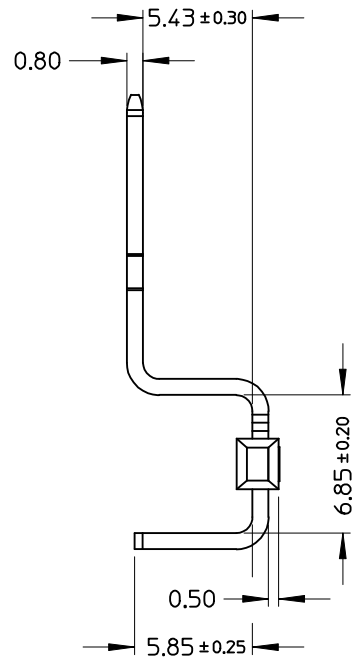
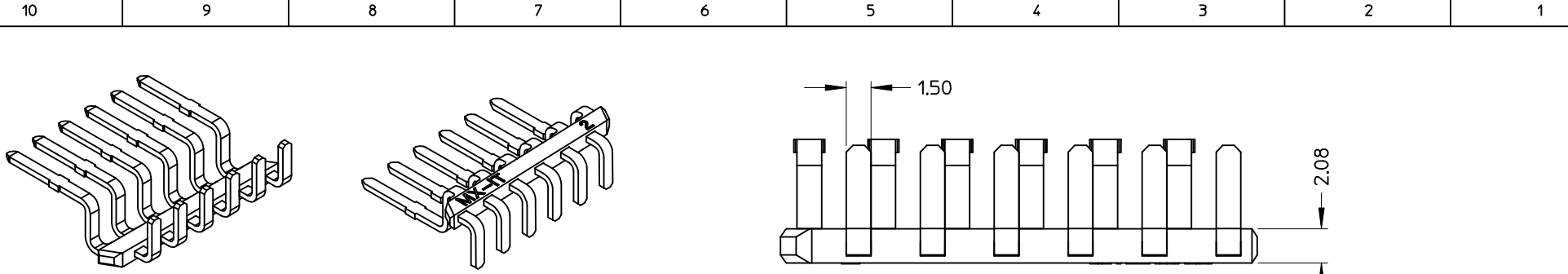
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[94241Series](#)

This document was generated on 04/22/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



- NOTES:
- CONTACT MATERIAL: COPPER ALLOY UNS C21000
TIN POST PLATED 5-8um
 - HOUSING MATERIAL: BLACK LCP G.F.
 - BARE EDGE AND 0.30 MAX CUTOFF BURR OR UNDERCUT ALLOWABLE IN THIS LOCATION
 - PACKAGING: IN CARTON BOXES (400 CONNECTORS/BOX).
8 BOXES INTO A SHIPPING CARTON FOR TOTAL 3200 CONNECTORS (STD. PACKING QUANTITY)

STD. DESCR.: 6 CKT CONNECTOR

EC NO: Z2008-0142 DRWN: SBARBIER 2008/03/18 CHKD: LSANTOSSO 2008/03/18 APPR: FBISELLO 2008/03/27	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION	
		4 PLACES ± --- ± ---	DRAWN BY SBARBIER	DATE 2008/03/13	TITLE 6 CKT HEADER			
		3 PLACES ± --- ± ---	CHECKED BY LSANTOSSO	DATE 2008/03/13	MATERIAL NO. 94241-1006			
		2 PLACES ± 0.15 ± --- 1 PLACE ± 0.2 ± ---	APPROVED BY FBISELLO	DATE 2008/03/13	DOCUMENT NO. SD-94241-001			
A	DESCRIPTION STD. DESCR.: 6 CKT CONNECTOR	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			