

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0016060002

Status:

Active

Overview:

[standard_093](#)

Description:

2.36mm (.093") Diameter, Standard .093" Pin and Male PC Board Terminal for Series 3099 Header Housing, Tin(Sn) Plated, Bag Packaged

Documents:

[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family

Crimp Terminals

Series

[1840](#)

Crimp Quality Equipment

Yes

Overview

[standard_093](#)

Product Name

Standard .093"

Physical

Durability (mating cycles max)

25

Gender

Male

Material - Metal

Brass

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Packaging Type

Bag

Plating min: Mating (µin)

200

Plating min: Mating (µm)

5.00

Plating min: Termination (µin)

200

Plating min: Termination (µm)

5.08

Wire Insulation Diameter

N/A

Wire Size AWG

N/A

Wire Size mm²

N/A

Electrical

Current - Maximum per Contact

5A

Voltage - Maximum

250V

Material Info

Old Part Number

1840A2B

Reference - Drawing Numbers

Sales Drawing

SD-1840-*



Series

image - Reference only

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Halogen-Free

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

[1840Series](#)

Mates With

[1189](#) , [1381](#) , [2871](#) , [1433](#)

Use With

[50-29-1031](#) , [50-29-1061](#) , [50-29-1041](#) ,
[50-29-1409](#) , [50-29-1415](#) , [50-29-1412](#)

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.091±.002
(2.31±0.05)

DIA.

.05
(1.1)

R.

.065±.035
(1.65±0.89)

.33
(8.4)

.58
(14.7)

.051±.003
(1.30±0.08)

DIA.

BI REVISE PER
UCR 1998-0114
WANG 98-03-31

B REVISE PER
ECR US 0593
94/12/16 RW

2 BI REV'D. AND REDRAWN
ECR UI 230
94/13/92 RW

1 BI
MFG. SH. REV. LTR. REVISIONS

REVISE ONLY ON CAD SYSTEM

DIMENSIONS SHOWN (METRIC) INCH

UNLESS OTHERWISE SPECIFIED
TOLERANCES: ANGULAR ± 0.2°

	INCH	METRIC
3 PLACE	± .010	---
2 PLACE	± .014	± 0.25
1 PLACE	---	± 0.36

DRAFT WHERE APPLICABLE MUST
REMAIN WITHIN DIMENSIONS

DRWG. BY *CK* CH'G. BY *RW*
APPD. BY *RS* SCALE 6: 1

▽ = 0

▽ = 0

TITLE

TITLE

TERMINAL, PIN
P.C. TAIL, FOR .093
SERIES HEADERS

MOLEX INCORPORATED
LITTLE, ILL. 60532 U.S.A.

PART NO. **SEE CHART**

DRWG. NO. **SD-1840--**

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO
MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

DIV. CP
SIZE B

10	9	8	7	6	1840	4	3	2	1840
PART NO.	ENG. NO.	MATERIAL	TYPE	FINISH					
16-06-0052	1840-A2A	A	2	A					
16-06-0002	1840-A2B	A	2	B					

LEGEND

1840- A 2 *

MATERIAL

A- BRASS, ALLOY C26000

TYPE

2- PIN

FINISH

A- UNPLATED

B- ELECTRO TIN PLATED,
.000200/(0.00508) MIN. TIN OVER
.000100/(0.00254) COPPER.
(PER ES-88-102)

NOTES:

I. THESE TERMINALS ARE USED FOR BOTH THE 1840 AND 3099 ASSEMBLIES.

 A DRAIN HOLE, OVAL IN APPEARANCE, OPPOSITE THE SEAM SIDE, IS ALLOWED.

				DIMENSIONS SHOWN (METRIC) INCH		▽ = 0 ▽ = 0 REVISE ONLY ON CAD SYSTEM	
				UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± .1°		TITLE	
				INCH METRIC		TERMINAL, PIN	
				3 PLACE ± --- ± ---		P.C. TAIL, FOR .093	
				2 PLACE ± --- ± ---		SERIES HEADERS	
				1 PLACE --- ± ---		MOLEX INCORPORATED	
				DRAFT (WHERE APPLICABLE) MUST REMAIN WITHIN DIMENSIONS		PART NO. 16-06-0052	
				DRAWN BY  RS		SHEET NO. 2	
				CHK'D BY RW		DATE 12/16/91	
				APPROD. BY		SEE CHART	
				SCALE N/A		SD-1840-#	
				LTR. REVISIONS		FILE NAME SD-1840X2 DGN	
				LTR. REVISIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	

10	9	8	7	6	5	4	3	2	1
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