



Move of Assembly Location for TO247AD package

DESCRIPTION OF CHANGE: Our assembly subcontractor (MingXin) for the TO247AD package has announced the immediate closure of its Ningbo facility with effect from June 2014.

Vishay Siliconix announces the release of Advanced Semiconductor Engineering (ASE) plant located in Weihai, China, as the primary location for assembly of the Long Lead TO-247 (TO-247AD) package. As ASE is currently providing assembly services for the SOT-223, DPAK and TO-220 High Voltage MOSFETs to Vishay.

ASE Weihai provides world-class total manufacturing services since Q1 2008, and has received international quality systems and environmental compliance certifications TS16949, ISO9001, ISO14001 and OSHAS 18001.

This facility will join the current Vishay-Siliconix qualified facilities, in providing additional capacity for building and testing MOSFETs products. The manufacturing process and materials to be used in ASE will be similar to that used in the Mingxin facility. No electrical changes in the device are expected.

There are some minor revisions to the Package Outline Drawing (POD) for the TO-247AD. The pack quantity per tube will be changed from 25pcs to 30pcs to conform to the ASE pack quantity.

CLASSIFICATION OF CHANGE: Assembly location move.

REASON FOR CHANGE: Closure of existing location.

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE: None

PRODUCT CATEGORY: MOSFET

PART NUMBERS/SERIES/FAMILIES AFFECTED: Refer to list of active part numbers included with this PCN

VISHAY BRAND(s): Vishay-Siliconix

TIME SCHEDULE: Shipment of production volumes will begin August, 2014.

SAMPLE AVAILABILITY: Please refer to the list below for the parts that will be built for sampling to customers. Please contact your regional Vishay Sales office for sample ordering.

PRODUCT IDENTIFICATION: TO-247AD products manufactured in ASE will have part marking in the form of **N46K** where the **N** is the factory designator for ASE.

QUALIFICATION DATA: Please contact your local sales office for a copy of the qualification report.

This PCN is considered approved, without further notification.

ISSUED BY: Don Larson, Vishay Siliconix, Technical Marketing Manager.

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For further information, please contact your regional Vishay office.

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Affected Parts

SIHW23N60E-GE3
SIHW30N60E-GE3
SIHW33N60E-GE3
SIHW47N60EF-GE3
SIHW47N60E-GE3

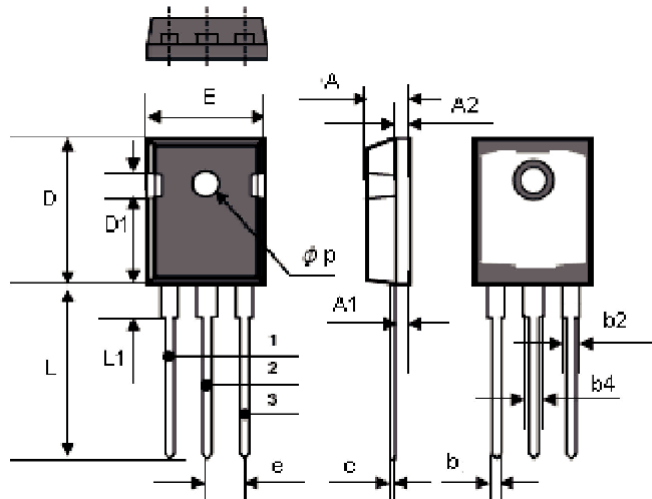
Samples

The following parts will be available for sampling:

Part Number	Availability
SIHW23N60E-GE3	Mid July
SIHW47N60E-GE3	Now

Outline Drawing

DIM (inches)	Current		Revised	
	Min.	Max.	Min.	Max.
A	0.193	0.200	0.185	0.209
A1	0.090	0.094	0.087	0.102
A2	0.076	0.082	0.059	0.098
b	0.045	0.049	0.039	0.055
b2	0.077	0.081	0.065	0.095
b4	0.112	0.122	0.102	0.135
c	0.024 BSC		0.024 BSC	
D	0.819	0.845	0.819	0.845
D1	0.172	0.182	0.145	0.216
(e)	0.209	0.220	0.215 BSC	
E	0.621	0.631	0.610	0.640
L	0.781	0.792	0.780	0.800
L1	0.160	0.170	0.160	0.177
Ø p	0.140	0.144	0.138	0.144

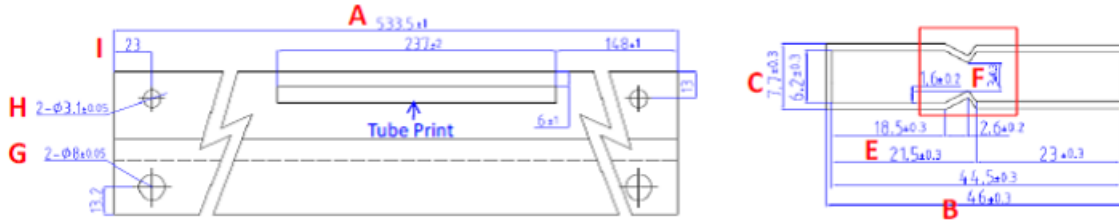




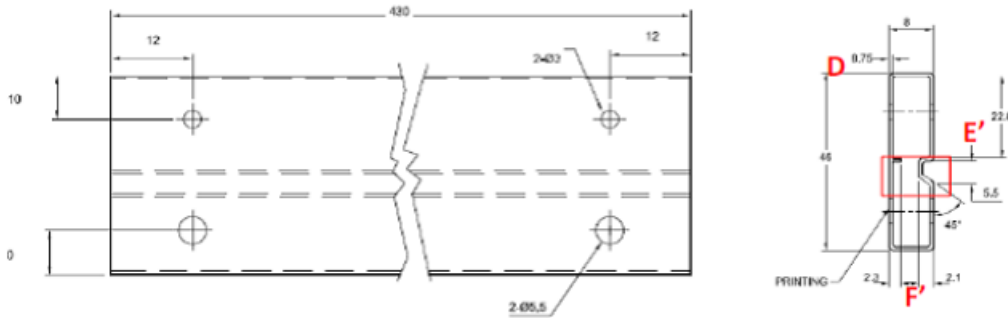
Packing Information Tube Dimensions

Tube Dimension

REVISED



CURRENT



Unit: mm

	A	B	C	D	E	F	G	H	I	pcs/Tube
REVISED	533.5	46	7.7	0.75	21.5	3	8	3.1	23	30pcs
CURRENT	430	46	8	0.75	22.8	3.6	5.5	3	12	25pcs



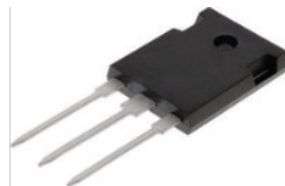
Product Change Notification



Product Group: Vishay Siliconix/June 19, 2014/PCN-SIL-0702014 Rev 0

Box/Pack Information

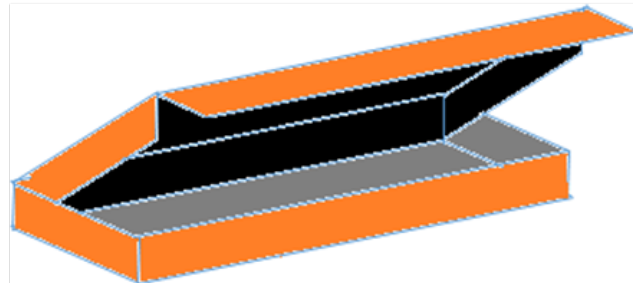
	Current	Revised
Quantity per tube	25	30
Inner Box Dimensions (mm)	432 x 195 x 45	570 x 115 x 76
Max Quantity per Inner Box	500	480



Tubes



Inner Box



Outer Box



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