PRODUCT DISCONTINUANCE NOTIFICATION

EOL-000383

Date: 20OCT2023

Semtech Corporation, 200 Flynn Road, Camarillo CA 93012
Product Discontinuance Details

Purpose, Description and Effect of Change:

This notification is to inform your company that Semtech is discontinuing the manufacture of the products listed below. In accordance with Semtech's product discontinuation policy, we are hereby giving notice of these product changes in order for your company to make any final lifetime purchases of the discontinued product that are still in supply.

Products purchased under EOL are subject to No Credit/No Return and are exempt from On-going FA support.

Product Status: Q Status

Part Number(s) Affected:	**Customer Part Number(s) Affected:** ☒ N/A
uClamp0511Z.TFT uClamp0511Z.TNT uClamp0501Z.TFT uClamp0501Z.TNT	

Replacement or Alternate Part Number(s)   ☐ N/A or Not Offered

uClamp0511Z.TFT => uClamp0541Z.TFT
uClamp0511Z.TNT => uClamp0541Z.TFT

Last Time Buy (LTB) Date	**20APR2024**	**Must Accept Final Delivery by**	**20OCT2024**
Sample Availability of Alt. Part	**Immediate**	**Qualification Report Availability of Alt. Part**	**Included**

Supporting Documents for Alternate or Replacement parts/Attachments:
- **uClamp0541Z.TFT: Product Datasheet and Reliability Report**

Last Time Buy Conditions

We request you carefully review this information and notify your purchasing offices and buyers to place your company's final purchases for available discontinued products as soon as possible according to the following last time buy terms and conditions.

1. **Availability:** The *Last Time Buy Date* and *Date to Accept Final Delivery* are noted above. All orders must have a *requested ship date before the Date to Accept Final Delivery* or the order will be rejected. **The Last Time Buy Date automatically expires when the final available inventory quantity has been scheduled and sold.**

2. **Pricing:** The product unit price will be subject to Semtech's individual price quotation of your company's last time buy requirements.

3. **Order Acceptance/Change Conditions:**
   A. Semtech will accept last time orders from your company for the discontinued products as "Firm and Final". As such, these orders will not be subject to any reschedule, cancellation, or termination by your company without Semtech's prior written authorization and payment of full termination charges.
   B. Semtech reserves its right to make changes in the scheduled delivery dates, or to terminate remaining undelivered quantities of your company's last time buy order, due to changes in Semtech's last time manufacturing capabilities, or for commercially impracticable circumstances, which makes delivery not feasible.

4. **Quantities:** The following applies to final buy quantities for the available discontinued product:
   A. **First:** The quantities in any existing unfilled orders and contracts acknowledged by Semtech will be honored, then
   B. **Next:** The unfilled quantities in any volume agreement(s) or quantities in unexpired standalone quote(s) will be accepted, and
   C. **Finally:** Any additional reasonable quantity of product that Semtech quotes based upon your company's identified requirements will be taken.

IN THE EVENT OF CONFLICT FOR THE LIMITED AVAILABILITY PRODUCT, QUANTITIES FOR CUSTOMER'S OR DISTRIBUTOR'S ORDERS WILL BE DETERMINED ON A FIRST-COME FIRST-SERVE BASIS; AND WILL BE SUBJECT TO SEMTECH'S AVAILABLE INVENTORY AND REMAINING MANUFACTURING CAPACITY FOR THE PRODUCT.

Limited Warranty

All discontinued product orders subject to this notice shall carry Semtech's standard limited warranty; or, if applicable, the warranty set forth in a duly executed formal contract between Semtech and your company will apply; except that:

1. Semtech will accept all valid warranty claims for credit only, unless a replacement order is otherwise agreed upon by Semtech and the replacement parts can be manufactured or delivered from remaining inventory.
2. The applicable warranty period for making any return claims for discontinued products will be no later than ninety (90) days following delivery of the discontinued products.
3. Any return claims must be made under Semtech's current Return Material Authorization "RMA" procedures.

Additional Provisions

SEMTECH ACCEPTS NO LIABILITY FOR EXCESS REPROCUREMENT COSTS OR FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES WHATSOEVER ASSOCIATED WITH THIS NOTICE, WITH ITS PRODUCTS, OR WITH THE FINAL MANUFACTURE AND PERFORMANCE AGAINST ANY LAST TIME BUY ORDERS RELATED TO THE DISCONTINUED PRODUCTS COVERED BY THIS NOTICE.

We regret the inconvenience and impact this notice may cause your company. Semtech's sales, marketing, and distribution personnel stand ready to assist you in placing your company's final orders, or in providing the product information you require.

For product inquiries or purchase order information, please contact your local Semtech sales representative.

Issuing Authority		
Semtech Business Unit:	APS Business Unit	
Semtech Contact Info:	QA representative: Les Fang Yuen Director, Quality Assurance lfangyuen@semtech.com +1 (949) 269-4443	Digital signature *Les Fang Yuen*

FOR FURTHER INFORMATION & WORLDWIDE SALES COVERAGE: http://www.semtech.com/contact/index.html#support

PROTECTION PRODUCTS - Z-Pak™

Description

µClamp® TVS diodes are designed to protect sensitive electronics from damage or latch-up due to ESD. It is designed to replace 0201 size multilayer varistors (MLVs) in portable applications such as cell phones, notebook computers, and other portable electronics. It features large cross-sectional area junctions for conducting high transient currents. This device offers desirable charac- teristics for board level protection including fast response time, low operating and clamping voltage, and no device degradation.

µClamp®0541Z is in a 2-pin SLP0603P2X3 package. It measures 0.6 x 0.3 mm with a nominal height of only 0.25mm. Leads are finished with lead-free NiAu. Each device will protect one line operating at 5 volts. It gives the designer the flexibility to protect single lines in applications where arrays are not practical. The combination of small size and high ESD surge capability makes them ideal for use in portable applications such as cellular phones, digital cameras, and MP3 players.

Features

◆ High ESD withstand Voltage: **+/-17kV** (Contact/Air) per **IEC 61000-4-2**
◆ Able to withstand over 1000 ESD strikes per IEC 61000-4-2 Level 4
◆ Ultra-small **0201 package**
◆ Protects one data or power line
◆ Low reverse current: <10nA typical (VR=5V)
◆ Working voltage: +/- 5V
◆ Low capacitance: 6.5pF typical
◆ Solid-state silicon-avalanche technology

Mechanical Characteristics

◆ SLP0603P2X3 package
◆ Pb-Free, Halogen Free, RoHS/WEEE Compliant
◆ Nominal Dimensions: 0.6 x 0.3 x 0.25 mm
◆ Lead Finish: NiAu
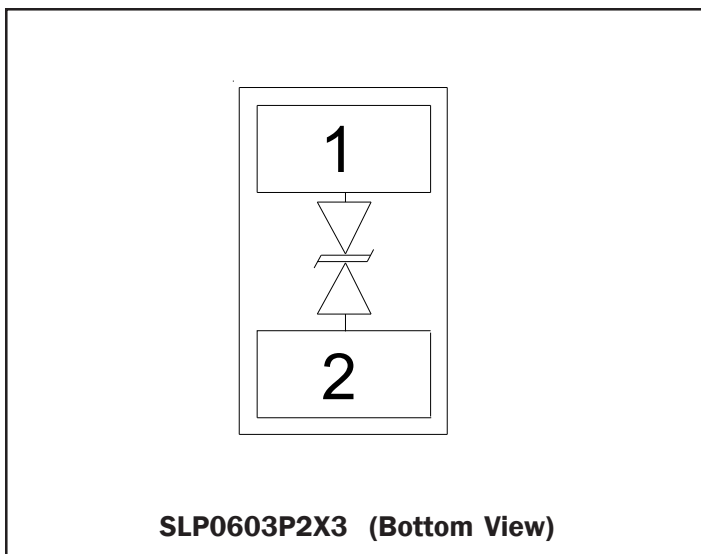◆ Marking : Marking code + dot matrix date code
◆ Packaging : Tape and Reel

Applications

◆ Cellular Handsets & Accessories
◆ Keypads, Side Keys, Audio Ports
◆ Portable Instrumentation
◆ Digital Lines
◆ Tablet PC

Nominal Dimensions

Schematic

SLP0603P2X3 (Bottom View)

SEMTECH
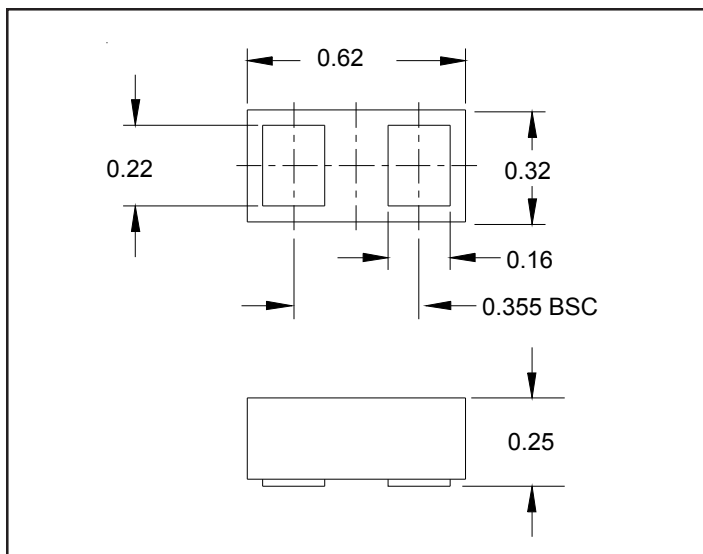
Absolute Maximum Rating

Rating	Symbol	Value	Units
Peak Pulse Power (tp = 8/20µs)	P_{pk}	25	Watts
Maximum Peak Pulse Current (tp = 8/20µs)	I_{pp}	2	Amps
ESD per IEC 61000-4-2 (Air)[1] ESD per IEC 61000-4-2 (Contact)[1]	V_{ESD}	+/- 17 +/- 17	kV
Operating Temperature	T_J	-55 to +125	°C
Storage Temperature	T_{STG}	-55 to +150	°C

Electrical Characteristics (T=25ºC)

Parameter	Symbol	Conditions	Minimum	Typical	Maximum	Units
Reverse Stand-Off Voltage	V_{RWM}	Pin 1 to 2 or 2 to 1			5	V
Reverse Breakdown Voltage	V_{BR}	I_t = 1mA Pin 1 to 2 or 2 to 1	6	8.2	9.5	V
Reverse Leakage Current	I_R	V_{RWM} = 5V, T=25°C Pin 1 to 2 or 2 to 1		3	50	nA
Clamping Voltage	V_C	I_{PP} = 1A, tp = 8/20µs Pin 1 to 2 or 2 to 1			12	V
Clamping Voltage	V_C	I_{PP} = 2A, tp = 8/20µs Pin 1 to 2 or 2 to 1			15	V
Dynamic Resistance[2, 3]	R_{DYN}	tlp = 0.2 / 100ns		0.78		Ohms
Junction Capacitance	C_j	V_R = 0V, f = 1MHz		6.5	9	pF

Notes

1)ESD gun return path connected to ESD ground reference plane.

2)Transmission Line Pulse Test (TLP) Settings: t_p = 100ns, t_r = 0.2ns, I_{TLP} and V_{TLP} averaging window: t_1 = 70ns to t_2 = 90ns.

3) Dynamic resistance calculated from I_{TLP} = 4A to I_{TLP} = 16A

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PROTECTION PRODUCTS

Typical Characteristics

Non-Repetitive Peak Pulse Power vs. Pulse Time
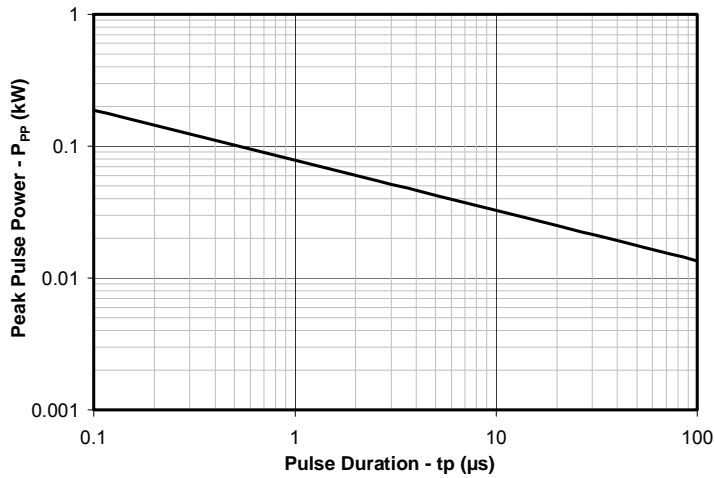
Clamping Voltage vs. Peak Pulse Current (tp=8/20us)

Waveform Parameters:
tr = 8μs
td = 20μs
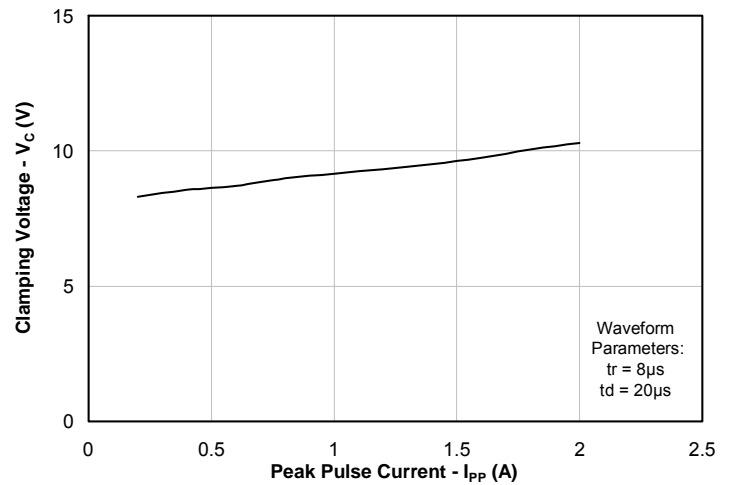
Junction Capacitance vs. Reverse Voltage
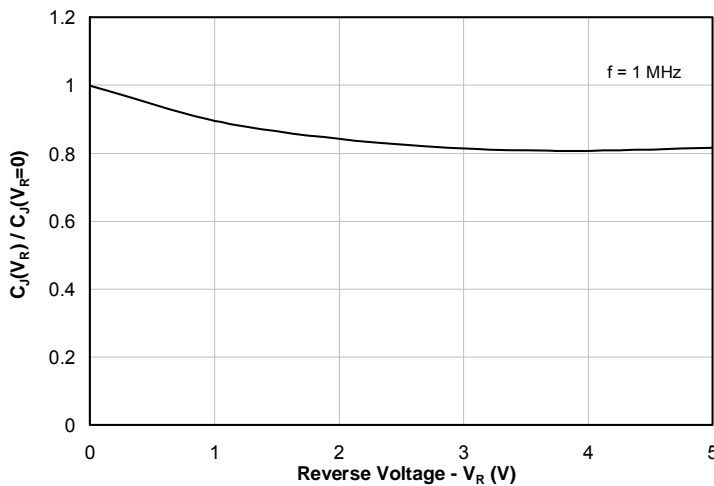
f = 1 MHz

TLP Characteristic
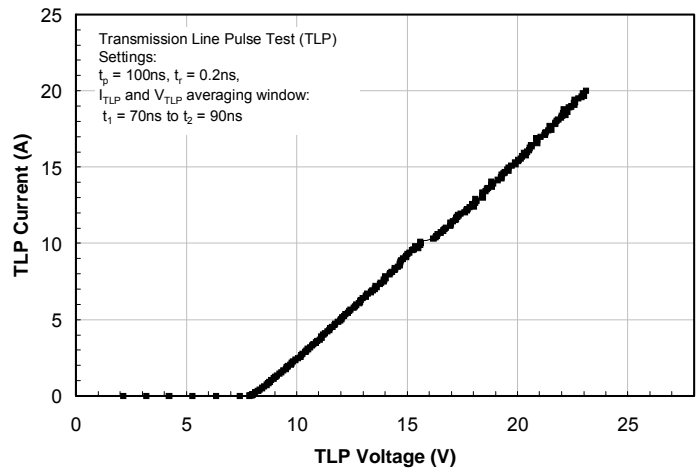
Transmission Line Pulse Test (TLP)
Settings:
t_p = 100ns, t_r = 0.2ns,
I_{TLP} and V_{TLP} averaging window:
t_1 = 70ns to t_2 = 90ns

ESD Clamping (+8kV Contact per IEC 61000-4-2)

Measured with 50 Ohm scope input impedance, 2GHz bandwidth. Corrected for 50 Ohm, 20dB attenuator. ESD gun return path connected to ESD ground plane

ESD Clamping (-8kV Contact per IEC 61000-4-2)

Measured with 50 Ohm scope input impedance, 2GHz bandwidth. Corrected for 50 Ohm, 20dB attenuator. ESD gun return path connected to ESD ground plane

www.semtech.com
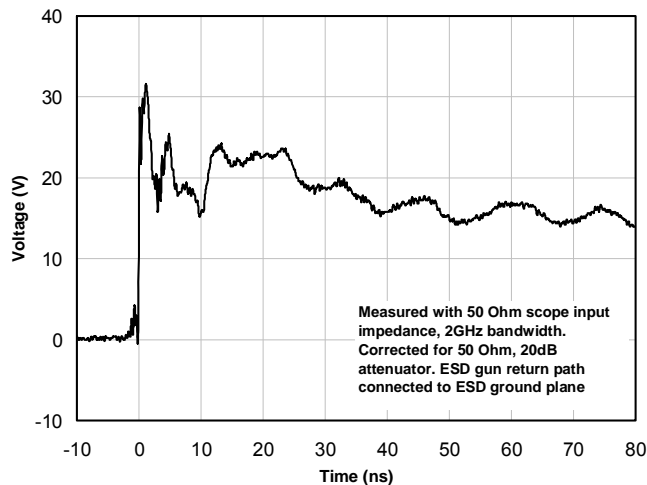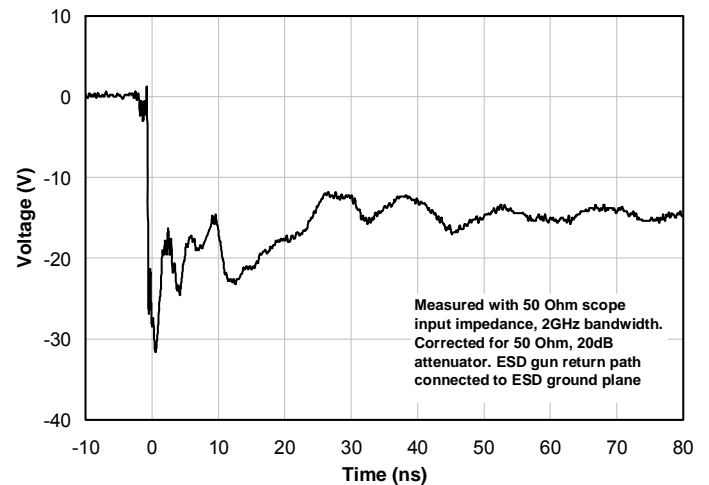
PROTECTION PRODUCTS

Typical Characteristics

Typical Insertion Loss S21

CH1 S21   LOG   6 dB / REF 0 dB

1: -2.0678 dB
800 MHz

2: -2.2545 dB
900 MHz

3: -6.6417 dB
1.8 GHz

4: -12.722 dB
2.5 GHz

0 dB
-6 dB
-12 dB
-18 dB
-24 dB
-30 dB
-36 dB
-42 dB
-48 dB

1 MHz   10 MHz   100 MHz   1 GHz   3 GHz

START .030 MHz   STOP 3000.000000 MHz
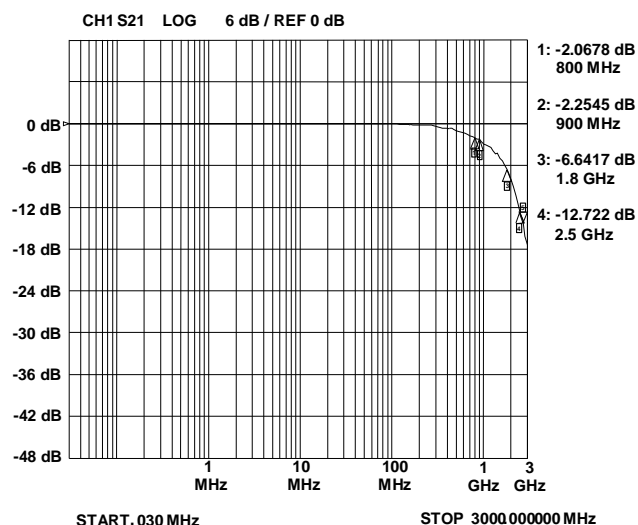
Applications Information

Assembly Guidelines

The small size of this device means that some care must be taken during the mounting process to insure reliable solder joint. The table below provides Semtech's recommended assembly guidelines for mounting this device. The figure at the right details Semtech's recommended aperture based on the below recommendations. Note that these are only recommendations and should serve only as a starting point for design since there are many factors that affect the assembly process.   The exact manufacturing parameters will require some experimentation to get the desired solder application.

Stencil Aperture
Mounting Pad
Package

0.175
0.250
0.272
0.298
0.270

Recommended Mounting Pattern

Assembly Parameter	Recommendation
Solder Stencil Design	Laser cut, Electro-polished
Aperture shape	Rectangular with rounded corners
Solder Stencil Thickness	0.100 mm (0.004")
Solder Paste Type	Type 4 size sphere or smaller
Solder Reflow Profile	Per JEDEC J-STD-020
PCB Solder Pad Design	Non-Solder mask defined
PCB Pad Finish	OSP OR NiAu

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Outline Drawing - SLP0603P2X3

DIMENSIONS			
DIM	MILLIMETERS		
	MIN	NOM	MAX
A	0.235	0.25	0.265
A1	0.00	0.02	0.025
b	0.20	0.22	0.24
D	0.585	0.62	0.655
E	0.285	0.32	0.355
e	0.355 BSC		
L	0.14	0.16	0.18
N	2		
aaa	0.08		
bbb	0.10		

TOP VIEW

SEATING PLANE

BOTTOM VIEW
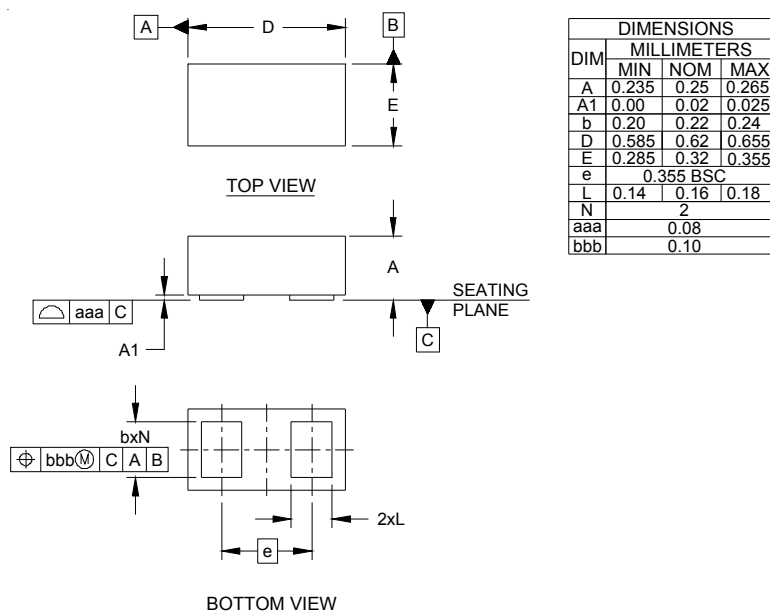
NOTES:
1. CONTROLLING DIMENSIONS ARE IN MILLIMETERS (ANGLES IN DEGREES).

Land Pattern - SLP0603P2X3

DIMENSIONS	
DIM	MILLIMETERS
C	(0.425)
G	0.175
X	0.270
Y	0.250
Z	0.675
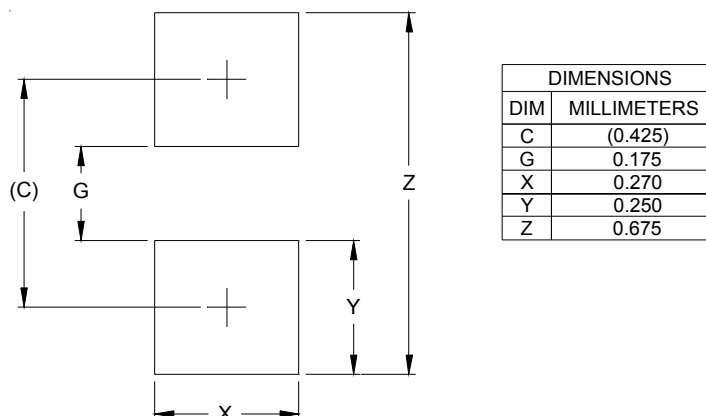
NOTES:
1. CONTROLLING DIMENSIONS ARE IN MILLIMETERS (ANGLES IN DEGREES).
2. THIS LAND PATTERN IS FOR REFERENCE PURPOSES ONLY.
   CONSULT YOUR MANUFACTURING GROUP TO ENSURE YOUR
   COMPANY'S MANUFACTURING GUIDELINES ARE MET.

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Marking Code

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 • • • •      K
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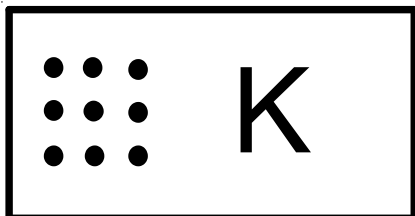
Notes:
1) Dots represent matrix date code

Ordering Information

Ordering Number	Qty per Reel	Carrier Tape	Reel Size	Comments
uClamp0541Z.TNT	10,000	Plastic	7 Inch	Not Recommended for New Designs
uClamp0541Z.TFT	15,000	Paper	7 Inch	
uClamp0541Z.TVT	50,000	Paper	13 Inch	

Notes:
1) MicroClamp, uClamp and µClamp are trademarks of Semtech Corporation

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PROTECTION PRODUCTS

Carrier Tape Specification

Plastic Tape

0.20±0.02

4.00±0.10

2.00±0.05

2.00±0.05

∅1.50±0.10

1.75±0.10

8.00 $^{+0.30}_{-0.10}$

3.50±0.05

Bo

0.20±0.05

Ko

Ao

Paper Tape

0.42±0.03

A

2.00±0.05

4.00±0.10

∅1.50 $^{+0.10}_{-0.00}$

1.75±0.05

3.50±0.05

0.69±0.03

Bo

8.00±0.10

0.29±0.02

Ko

A

2.00±0.05

0.39±0.03

Ao
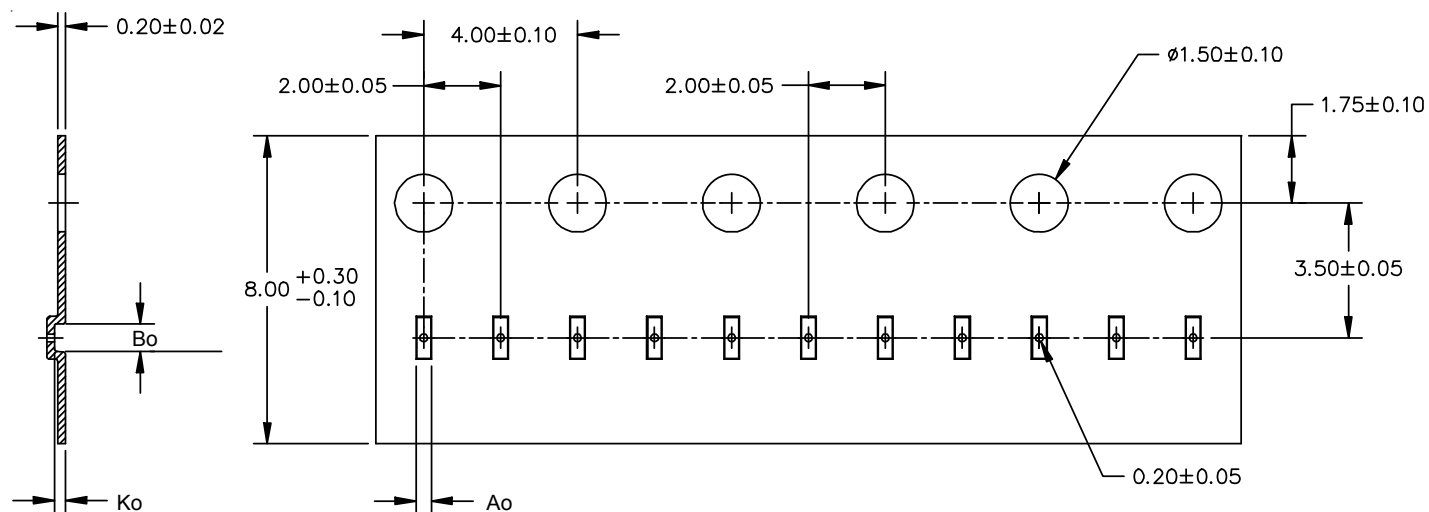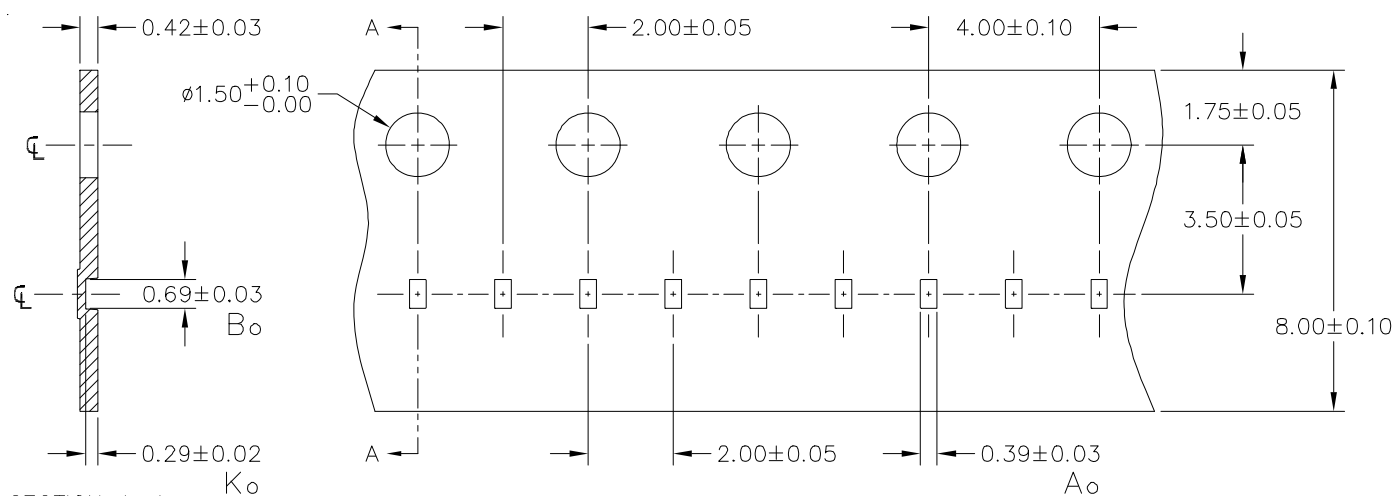
SECTION A–A

Note: All dimensions in mm unless otherwise specified

Device Orientation in Tape

Date Code Location
(Away from Sprocket Holes)

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Contact Information

Semtech Corporation
Protection Products Division
200 Flynn Rd., Camarillo, CA 93012
Phone: (805)498-2111 FAX (805)498-3804

Rel Job Detail Report

by Sublot, by Sequence
Contact: Gurmail Sajjan
(805) 480 2142
gsajjan@semtech.com

Businessunit	*Protection*			
Reljob#	*Part_Number, Job Name/Type*	*Fab, Package*	*Rel Job Status*	*Key Dates:*

4838			Rel Testing Complete Passes All Requirements	*Job Accepted:* 16-Dec-2010
	Z-Package (Type-C) Qual	Z-Package		*Requested CD:*
				Actual Start Date: 19-Dec-2009
	New Product on qualified process with un-qualified package		.	*ECD for Conditional:*
				Job ECD: 11-Mar-2010

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Completed Tasks

1.0	*Lot*	GA6792	*AssemblyLot*	GA6792/AER-2009-0	*DateCode*	0940

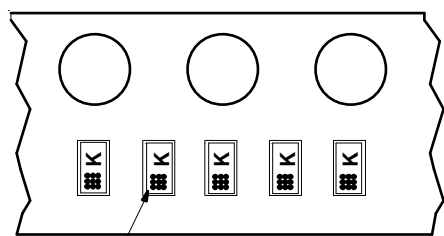| Seq	TaskCode	SampleSize	Criteria	Complete	Failures	DataSource	Results/Comments
1	Data-Prep	None	None	19-Nov-2009		Camarillo	
2	HTRB_Pre_Elect	105	Pass on Zero Fails	04-Dec-2009	0	Camarillo	
3	HTRB_150°C_Real Time_0024	105	Pass on Zero Fails	07-Jan-2010	0	Camarillo	
4	HTRB_Pre_Elect	105	Pass on Zero Fails	04-Dec-2009	0	Camarillo	
5	BI_BD_Valid	NA	Meet HTOL Schematics	04-Dec-2009		Camarillo	
6	HTRB_150°C_0072	105	Pass on Zero Fails	07-Dec-2009	0	Camarillo	
7	HTRB_150°C _0408	105	Pass on Zero Fails	21-Dec-2009	0	Camarillo	
8	HTS_Pre_Elect	77	Pass on Zero Fails	25-Nov-2009	0	Camarillo	
9	HTS_0168	77	Pass on Zero Fails	02-Dec-2009	0	Camarillo	
10	HTS_0500	77	Pass on Zero Fails	16-Dec-2009	0	Camarillo	
11	HTS_1000	77	Pass on Zero Fails	06-Jan-2010	0	Camarillo	
12	Pre_Conditioning_Level_1	NA	MSL 1	20-Nov-2009		Camarillo	
13	Pre_Elect_Precond	154	Pass on Zero Fails	07-Dec-2009	0	Camarillo	
14	Precond_Temp_Cyc_5cyc	154	Pass on Zero Fails	07-Dec-2009	0	Camarillo	
15	Precond_HTS_24hr	154	Pass on Zero Fails	08-Dec-2009	0	Camarillo	

Rel Job Detail Report

by Sublot, by Sequence
Contact: Gurmail Sajjan
(805) 480 2142
gsajjan@semtech.com

17	Precond_260°C_IR_Ref_Char	154	Pass on Zero Fails	15-Dec-2009	0	Camarillo	
18	T/C_Pre_Elect	77	Pass on Zero Fails	15-Dec-2009	0	Camarillo	
19	T/C_wPre_0250	77	Pass on Zero Fails	21-Dec-2009	0	Camarillo	
20	T/C_wPre_0500	77	Pass on Zero Fails	28-Dec-2009	0	Camarillo	Rel. Eng: T/C re-run at 0C - 100C all passed (Failed for -65C- 150C)
21	T/C_wPre_1000	74	Pass on Zero Fails	21-Jan-2010	0	Camarillo	Rel. Eng: T/C re-run at 0C - 100C all passed (Failed for -65C- 150C)
22	HAST Pre_Elect	77	Pass on Zero Fails	15-Dec-2009	0	Camarillo	
23	HAST_wPRE_0200	77	Pass on Zero Fails	28-Dec-2009	0	Camarillo	
24	A/C_Pre_Elect	77	Pass on Zero Fails	09-Dec-2009	0	Camarillo	
25	A/C_nPRE_096	77	Pass on Zero Fails	30-Dec-2009	0	Camarillo	
26	Construct_Package	5 unique packaged devices minimum.	No Major Findings, Q&R to review construction analysis report.	18-Dec-2009		Camarillo	
27	Pack_Clos	0	0	22-Jan-2010		Camarillo	

Rel Job Detail Report

by Sublot, by Sequence
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gsajjan@semtech.com

2.0	Lot	GA6792	AssemblyLot	GA6792	DateCode	0940			

Seq	TaskCode	SampleSize	Criteria	Complete	Failures	DataSource	Results/Comments
1	Data-Prep	None	None	03-Dec-2009		Camarillo	
2	HTRB_Pre_Elect_150°C_RT24			09-Dec-2009		Camarillo	
3	HTRB_150°C_Real Time_0024	105	Pass on Zero Fails	13-Jan-2010	0	Camarillo	
4	HTRB_Pre_Elect	105	Pass on Zero Fails	07-Dec-2009	0	Camarillo	
5	HTRB_150°C_0072	105	Pass on Zero Fails	11-Dec-2009	0	Camarillo	
6	HTRB_150°C _0408	105	Pass on Zero Fails	28-Dec-2009	0	Camarillo	
7	HTS_Pre_Elect	77	Pass on Zero Fails	07-Dec-2009	0	Camarillo	
8	HTS_0168	77	Pass on Zero Fails	14-Dec-2009	0	Camarillo	
9	HTS_0500	77	Pass on Zero Fails	29-Dec-2009	0	Camarillo	
10	HTS_1000	77	Pass on Zero Fails	18-Jan-2010	0	Camarillo	
11	Pre_Elect_Precond	154	Pass on Zero Fails	07-Dec-2009	0	Camarillo	
12	Precond_Temp_Cyc_5cyc	154	Pass on Zero Fails	07-Dec-2009	0	Camarillo	
13	Precond_HTS_24hr	154	Pass on Zero Fails	08-Dec-2009	0	Camarillo	
14	Precond_85/85_NoElec168hr	154	Pass on Zero Fails	15-Dec-2009	0	Camarillo	
15	Precond_IR_Refl_Char	154	Pass on Zero Fails	15-Dec-2009	0	Camarillo	
16	T/C_Pre_Elect	77	Pass on Zero Fails	15-Dec-2009	0	Camarillo	
17	T/C_wPre_0250	77	Pass on Zero Fails	21-Dec-2009	0	Camarillo	
18	T/C_wPre_0500	77	Pass on Zero Fails	29-Dec-2009	0	Camarillo	Rel. Eng: T/C re-run at 0C - 100C passed (Failed for -65C- 150C)
19	T/C_wPre_1000	76	Pass on Zero Fails	21-Jan-2010	0	Camarillo	Rel. Eng: T/C re-run at 0C - 100C passed (Failed for -65C- 150C)
20	HAST Pre_Elect	77	Pass on Zero Fails	16-Dec-2009	0	Camarillo	
21	HAST_wPRE_096 Hrs 130°C	77	Pass on Zero Fails	29-Dec-2009	0	Camarillo	Rel. Eng.: All parts passed after retest.
22	A/C_Pre_Elect	77	Pass on Zero Fails	08-Dec-2009	0	Camarillo	
23	A/C_nPRE_096	77	Pass on Zero Fails	15-Dec-2009	0	Camarillo	
25	Pack_Clos	0	0	22-Jan-2010		Camarillo	

Rel Job Detail Report

by Sublot, by Sequence
Contact: Gurmail Sajjan
(805) 480 2142
gsajjan@semtech.com

3.0	**Lot** 6T0524	**AssemblyLot** 6T0524	**DateCode** 0941				

Seq	TaskCode	SampleSize	Criteria	Complete	Failures	DataSource	Results/Comments
1	Data-Prep	None	None	10-Dec-2009		Camarillo	
2	HTRB_Pre_Elect_150°C_RT24			05-Jan-2010	0	Camarillo	
3	HTRB_150°C_Real Time_0024	105	Pass on Zero Fails	06-Jan-2010	0	Camarillo	
4	HTRB_Pre_Elect	105	Pass on Zero Fails	15-Dec-2009	0	Camarillo	
5	HTRB_150°C_0072	105	Pass on Zero Fails	18-Dec-2009	0	Camarillo	
6	HTRB_150°C _0408	105	Pass on Zero Fails	04-Jan-2010	0	Camarillo	
7	HTS_Pre_Elect	77	Pass on Zero Fails	14-Dec-2009	0	Camarillo	
8	HTS_0168	77	Pass on Zero Fails	21-Dec-2009	0	Camarillo	
9	HTS_0500	77	Pass on Zero Fails	04-Jan-2010	0	Camarillo	
10	HTS_1000	77	Pass on Zero Fails	26-Jan-2010	0	Camarillo	
11	Pre_Elect_Precond	154	Pass on Zero Fails	15-Dec-2009	0	Camarillo	
12	Precond_Temp_Cyc_5cyc	154	Pass on Zero Fails	15-Dec-2009	0	Camarillo	
13	Precond_HTS_24hr	154	Pass on Zero Fails	16-Dec-2009	0	Camarillo	
14	Precond_85/85_NoElec168hr	154	Pass on Zero Fails	23-Dec-2009	0	Camarillo	
15	Precond_IR_Refl_Char	154	Pass on Zero Fails	29-Dec-2009	0	Camarillo	
16	T/C_Pre_Elect	77	Pass on Zero Fails	29-Dec-2009	0	Camarillo	
17	T/C_wPre_0250	77	Pass on Zero Fails	04-Jan-2010	0	Camarillo	Rel. Eng: T/C re-run at 0C - 100C passed (Failed for -65C- 150C)
18	T/C_wPre_0500	77	Pass on Zero Fails	19-Jan-2010	0	Camarillo	
19	T/C_wPre_1000	72	Pass on Zero Fails	18-Jan-2010	0	Camarillo	Rel. Eng: T/C re-run at 0C - 100C passed (Failed for -65C- 150C)
20	HAST Pre_Elect	77	Pass on Zero Fails	29-Dec-2009	0	Camarillo	
21	HAST_wPRE_096 Hrs 130°C	77	Pass on Zero Fails	15-Jan-2010	0	Camarillo	
22	A/C_Pre_Elect	77	Pass on Zero Fails	05-Jan-2010	0	Camarillo	
23	A/C_nPRE_096	77	Pass on Zero Fails	12-Jan-2010	0	Camarillo	
25	Pack_Clos	0	0	27-Jan-2010		Camarillo	

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4.0 **Lot** GA6799   **AssemblyLot**   AER-2009-000538   **DateCode**   0946

Seq	TaskCode	SampleSize	Criteria	Complete	Failures	DataSource	Results/Comments
1	Data-Prep	None	None	15-Dec-2009		Camarillo	
2	HTRB_Pre_Elect_150°C_RT24	105		17-Dec-2009	0	Camarillo	
3	HTRB_150°C_Real Time_0024	105	Pass on Zero Fails	14-Jan-2010	0	Camarillo	
4	HTRB_Pre_Elect	105	Pass on Zero Fails	15-Dec-2009	0	Camarillo	
5	HTRB_150°C_0072	105	Pass on Zero Fails	18-Dec-2009	0	Camarillo	
6	HTRB_150°C _0408	105	Pass on Zero Fails	04-Jan-2010	0	Camarillo	
7	HTS_Pre_Elect	77	Pass on Zero Fails	14-Dec-2009	0	Camarillo	
8	HTS_0168	77	Pass on Zero Fails	21-Dec-2009	0	Camarillo	
9	HTS_0500	77	Pass on Zero Fails	04-Jan-2010	0	Camarillo	
10	HTS_1000	77	Pass on Zero Fails	05-Feb-2010	0	Camarillo	
11	Pre_Elect_Precond	154	Pass on Zero Fails	16-Dec-2009	0	Camarillo	
12	Precond_Temp_Cyc_5cyc	154	Pass on Zero Fails	16-Dec-2009	0	Camarillo	
13	Precond_HTS_24hr	154	Pass on Zero Fails	17-Dec-2009	0	Camarillo	
14	Precond_85/85_NoElec168hr	154	Pass on Zero Fails	29-Dec-2009	0	Camarillo	
15	Precond_IR_Refl_Char	154	Pass on Zero Fails	29-Dec-2009	0	Camarillo	
16	T/C_Pre_Elect	77	Pass on Zero Fails	29-Dec-2009	0	Camarillo	
17	T/C_wPre_0250	77	Pass on Zero Fails	05-Jan-2010	0	Camarillo	
18	T/C_wPre_0500	77	Pass on Zero Fails	25-Jan-2010	0	Camarillo	Rel. Eng: T/C re-run at 0C - 100C passed (Failed for -65C- 150C)
19	T/C_wPre_1000	76	Pass on Zero Fails	18-Jan-2010	0	Camarillo	Rel. Eng: T/C re-run at 0C - 100C all passed (Failed for -65C- 150C)
20	HAST Pre_Elect	77	Pass on Zero Fails	29-Dec-2009	0	Camarillo	
21	HAST_wPRE_096 Hrs 130°C	77	Pass on Zero Fails	15-Jan-2010	0	Camarillo	
22	A/C_Pre_Elect	77	Pass on Zero Fails	05-Jan-2010	0	Camarillo	
23	A/C_nPRE_096	77	Pass on Zero Fails	27-Jan-2010	0	Camarillo	
25	Pack_Clos	0	0	28-Jan-2010		Camarillo	

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7.0 Lot GA6792   AssemblyLot GA6792/AER-2009-0 DateCode 0940

Seq TaskCode	SampleSize	Criteria	Complete	Failures	DataSource	Results/Comments
1 Data-Prep	None	None	19-Jan-2010		Camarillo	
2 Pre_Elect_Precond	154	Pass on Zero Fails	19-Jan-2010	0	Camarillo	
3 Precond_Temp_Cyc_5cyc	154	Pass on Zero Fails	19-Jan-2010	0	Camarillo	
4 Precond_HTS_24hr	154	Pass on Zero Fails	20-Jan-2010	0	Camarillo	
5 Precond_85/85_NoElec168hr	154	Pass on Zero Fails	27-Jan-2010	0	Camarillo	
6 Precond_IR_Refl_Char	154	Pass on Zero Fails	27-Jan-2010	0	Camarillo	
7 T/C_Pre_Elect	77	Pass on Zero Fails	27-Jan-2010	0	Camarillo	
8 T/C_wPre_0250	77	Pass on Zero Fails	09-Feb-2010	0	Camarillo	
9 T/C_wPre_0500	77	Pass on Zero Fails	18-Feb-2010	0	Camarillo	
10 T/C_wPre_1000	77	Pass on Zero Fails	11-Mar-2010	0	Camarillo	
11 Pack_Clos	0	0	11-Mar-2010		Camarillo	

8.0 Lot GA6792   AssemblyLot GA6792   DateCode 0941

Seq TaskCode	SampleSize	Criteria	Complete	Failures	DataSource	Results/Comments
1 Data-Prep	None	None	19-Jan-2010		Camarillo	
2 Pre_Elect_Precond	154	Pass on Zero Fails	19-Jan-2010	0	Camarillo	
3 Precond_Temp_Cyc_5cyc	154	Pass on Zero Fails	19-Jan-2010	0	Camarillo	
4 Precond_HTS_24hr	154	Pass on Zero Fails	20-Jan-2010	0	Camarillo	
5 Precond_85/85_NoElec168hr	154	Pass on Zero Fails	27-Jan-2010	0	Camarillo	
6 Precond_IR_Refl_Char	154	Pass on Zero Fails	27-Jan-2010	0	Camarillo	
7 T/C_Pre_Elect	77	Pass on Zero Fails	27-Jan-2010	0	Camarillo	
8 T/C_wPre_0250	77	Pass on Zero Fails	03-Feb-2010	0	Camarillo	
9 T/C_wPre_0500	77	Pass on Zero Fails	18-Feb-2010	0	Camarillo	
10 T/C_wPre_1000	77	Pass on Zero Fails	11-Mar-2010	0	Camarillo	
11 Pack_Clos	0	0	11-Mar-2010		Camarillo	

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9.0 Lot 6T0524   **AssemblyLot** 6T0524   **DateCode** 0941

Seq	TaskCode	SampleSize	Criteria	Complete	Failures	DataSource	Results/Comments
1	Data-Prep	None	None	19-Jan-2010		Camarillo	
2	Pre_Elect_Precond	154	Pass on Zero Fails	19-Jan-2010	0	Camarillo	
3	Precond_Temp_Cyc_5cyc	154	Pass on Zero Fails	19-Jan-2010	0	Camarillo	
4	Precond_HTS_24hr	154	Pass on Zero Fails	20-Jan-2010	0	Camarillo	
5	Precond_85/85_NoElec168hr	154	Pass on Zero Fails	27-Jan-2010	0	Camarillo	
6	Precond_IR_Refl_Char	154	Pass on Zero Fails	27-Jan-2010	0	Camarillo	
7	T/C_Pre_Elect	77	Pass on Zero Fails	27-Jan-2010	0	Camarillo	
8	T/C_wPre_0250	77	Pass on Zero Fails	09-Feb-2010	0	Camarillo	
9	T/C_wPre_0500	77	Pass on Zero Fails	18-Feb-2010	0	Camarillo	
10	T/C_wPre_1000	77	Pass on Zero Fails	11-Mar-2010	0	Camarillo	
11	Pack_Clos	0	0	11-Mar-2010		Camarillo	

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11.0 Lot GA6792   **AssemblyLot**   AER-2009-000543   **DateCode**   0940

Seq TaskCode	SampleSize	Criteria	Complete	Failures	DataSource	Results/Comments
2 Pre_Elect_Precond	154	Pass on Zero Fails	19-Jan-2010	0	Camarillo	
3 Precond_Temp_Cyc_5cyc	154	Pass on Zero Fails	19-Jan-2010	0	Camarillo	
4 Precond_HTS_24hr	154	Pass on Zero Fails	20-Jan-2010	0	Camarillo	
5 Precond_85/85_NoElec168hr	154	Pass on Zero Fails	27-Jan-2010	0	Camarillo	
6 Precond_IR_Refl_Char	154	Pass on Zero Fails	27-Jan-2010	0	Camarillo	
7 T/C_Pre_Elect	77	Pass on Zero Fails	27-Jan-2010	0	Camarillo	
8 T/C_wPre_0250	77	Pass on Zero Fails	04-Feb-2010	0	Camarillo	
9 T/C_wPre_0500	77	Pass on Zero Fails	16-Feb-2010	0	Camarillo	

12.0 Lot GA6792   **AssemblyLot**   GA6792   **DateCode**   0940

Seq TaskCode	SampleSize	Criteria	Complete	Failures	DataSource	Results/Comments
1 Data-Prep	None	None	19-Jan-2010		Camarillo	
2 Pre_Elect_Precond	154	Pass on Zero Fails	19-Jan-2010	0	Camarillo	
3 Precond_Temp_Cyc_5cyc	154	Pass on Zero Fails	19-Jan-2010	0	Camarillo	
4 Precond_HTS_24hr	154	Pass on Zero Fails	20-Jan-2010	0	Camarillo	
5 Precond_85/85_NoElec168hr	154	Pass on Zero Fails	27-Jan-2010	0	Camarillo	
6 Precond_IR_Refl_Char	154	Pass on Zero Fails	27-Jan-2010	0	Camarillo	
7 T/C_Pre_Elect	77	Pass on Zero Fails	27-Jan-2010	0	Camarillo	
8 T/C_wPre_0250	77	Pass on Zero Fails	04-Feb-2010	0	Camarillo	
9 T/C_wPre_0500	77	Pass on Zero Fails	16-Feb-2010	0	Camarillo	
10 T/C_wPre_1000	77	Pass on Zero Fails	01-Mar-2010	0	Camarillo	
11 Pack_Clos	0	0	01-Mar-2010		Camarillo	

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13.0 Lot	6T0524	AssemblyLot	6T0524	DateCode	0941		

Seq	TaskCode	SampleSize	Criteria	Complete	Failures	DataSource	Results/Comments
1	Data-Prep	None	None	19-Jan-2010		Camarillo	
2	Pre_Elect_Precond	154	Pass on Zero Fails	19-Jan-2010	0	Camarillo	
3	Precond_Temp_Cyc_5cyc	154	Pass on Zero Fails	19-Jan-2010	0	Camarillo	
4	Precond_HTS_24hr	154	Pass on Zero Fails	20-Jan-2010	0	Camarillo	
5	Precond_85/85_NoElec168hr	154	Pass on Zero Fails	27-Jan-2010	0	Camarillo	
6	Precond_IR_Refl_Char	154	Pass on Zero Fails	27-Jan-2010	0	Camarillo	
7	T/C_Pre_Elect	77	Pass on Zero Fails	27-Jan-2010	0	Camarillo	
8	T/C_wPre_0250	77	Pass on Zero Fails	02-Mar-2010	0	Camarillo	
9	T/C_wPre_0500	76	Pass on Zero Fails	16-Feb-2010	0	Camarillo	
10	T/C_wPre_1000	77	Pass on Zero Fails	01-Mar-2010	0	Camarillo	
11	Pack_Clos	0	0	01-Mar-2010		Camarillo	

In-Complete Tasks

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11.0	*Lot*	GA6792	*Assembly_Lot*	AER-2009-000543	*Date_Code*	0940

Seq	Task_Code	SampleSize	Criteria	ECD	I-Failures	Data_Source	Results/Comments	FA
10	T/C_wPre_1000	77	Pass on Zero Fails	16-Mar-2010	0	Camarillo	Initial Failure: Board # 30 (device 6) was a Vbr/Ir failure on leg 2-1.	
11	FA_TC_1000		Pass on Zero Fails	16-Mar-2010		Camarillo	Rel. Eng: FA is in progress	
12	Pack_Clos	0	0	17-Mar-2010		Camarillo		