

Revision History

Rev.	ECN No.	Description of Change	Date	Appvd By
1	24354	Origination	03-05-02	Josh M.
2	26252	CDR Updates	03-10-03	K. Lohrmeyer
3	26694	Add -05AC	06-12-03	K. Lohrmeyer
A	28154	RTP with no changes	05-19-04	K. Lohrmeyer
B	30083	Add -06AC	09-01-05	I. Carvajal
C	34364	Obsolete 01AC, 04AC, 05AC, 06AC & add -07AC	06-16-08	J. Pitzer
D	34723	Add -08AC	09-08-08	S. Perkins
E	34856	Add RoHS	10-20-08	J. Pitzer
F	41151	Add -09AC	12-08-11	S. Perkins

Document Approval

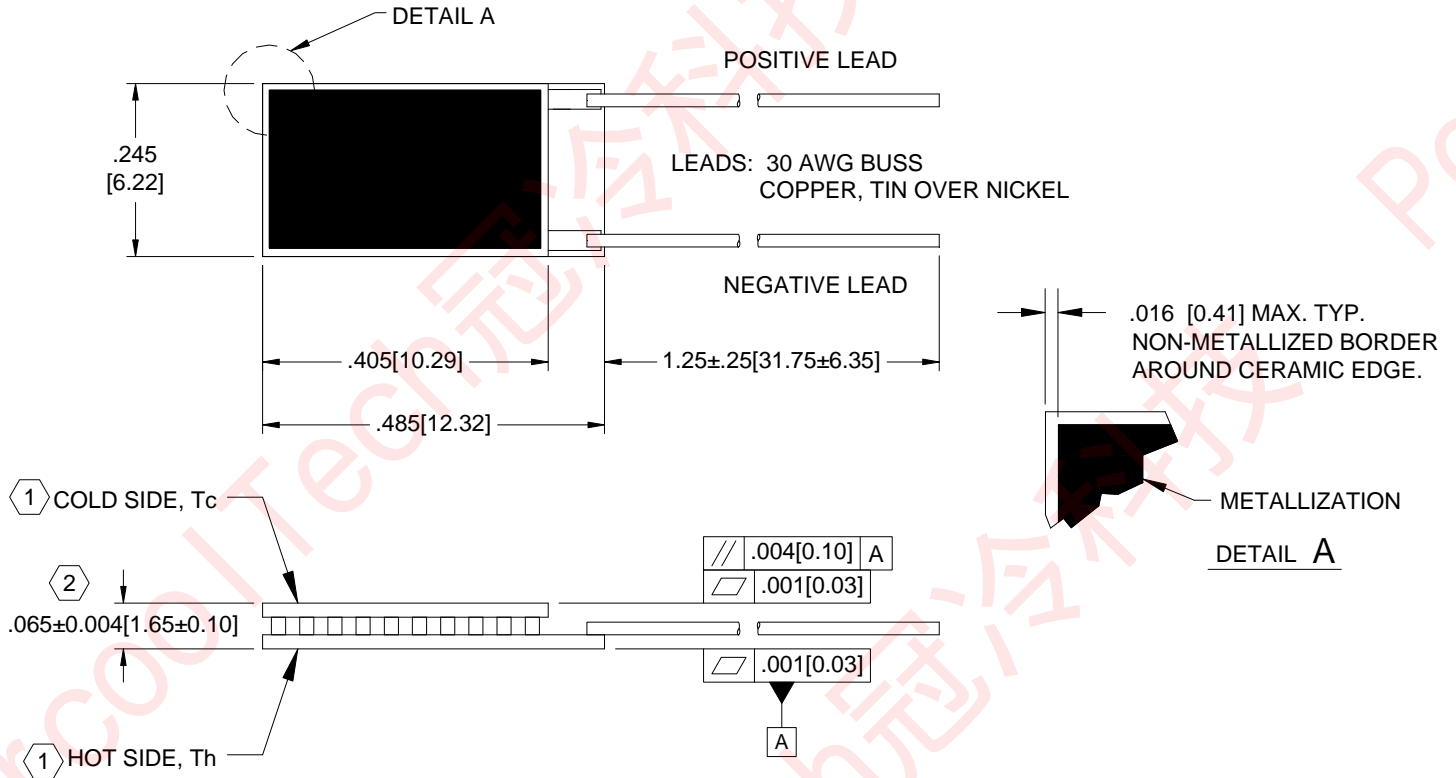
Next Assy

Used On

Originator:	Josh M.	Date:	03-05-02
Dftg Check:	Serrano	Date:	03-05-02
Prgm Mngr:		Date:	
Engr Mngr:	S. Thomas	Date:	01-27-04
Mfrg Mngr:	J. Rawot	Date:	01-27-04
Quality:	B. Light	Date:	01-27-04

SP5361

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1. Device exterior surfaces:

- 07AC: Both sides gold flash (4-10 micro inches)
- 08AC: Both sides pretinned with 138°C solder.
- 09AC: Base gold flash, Top pretinned with 138°C solder.

2. Dimensions include metallization.

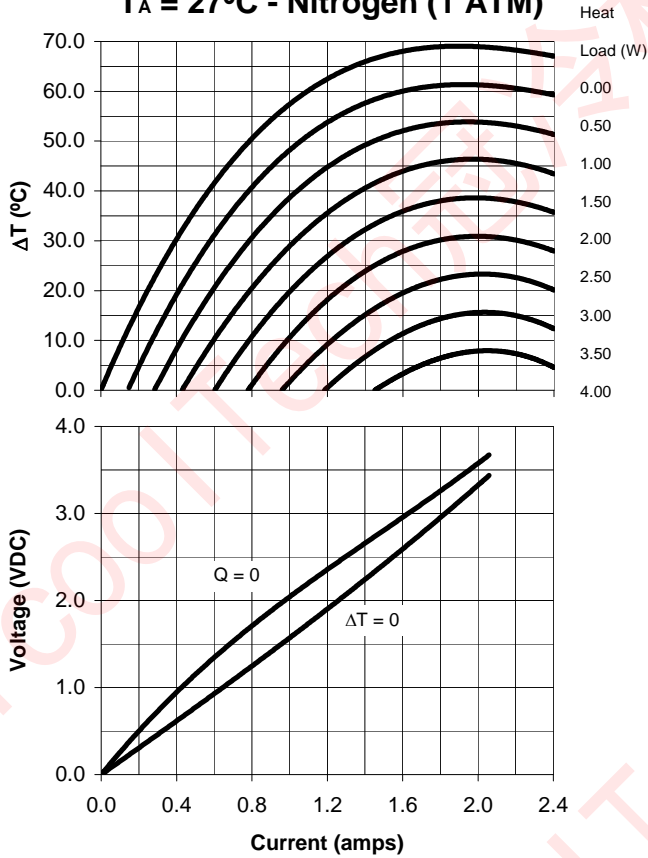
3. Maximum operating temperature is 85°C.
4. Maximum process temperature is 220°C.
5. Edges may be scribed and snapped and may display irregularities within the stated tolerances.
6. Ceramic material: Aluminum Oxide.
7. RoHS 2002/95/EC compliant.

UNLESS OTHERWISE SPECIFIED	
- DIMENSIONS ARE IN INCHES, AND WITHIN [] ARE IN MILLIMETERS.	- DIMENSION LIMITS APPLY BEFORE FINISH PROCESSES
- GENERAL TOLERANCES: DECIMALS .XX= ±.01, .XXX= ±.005, .XXXX= ±.0005, ANGLES ± 2° FINISH 125	- REMOVE ALL BURRS AND SHARP EDGES .020 MAX
	- FILLET RADIUS .018 MAX
	- INTERPRET DRAWING PER ANSI Y14.5M

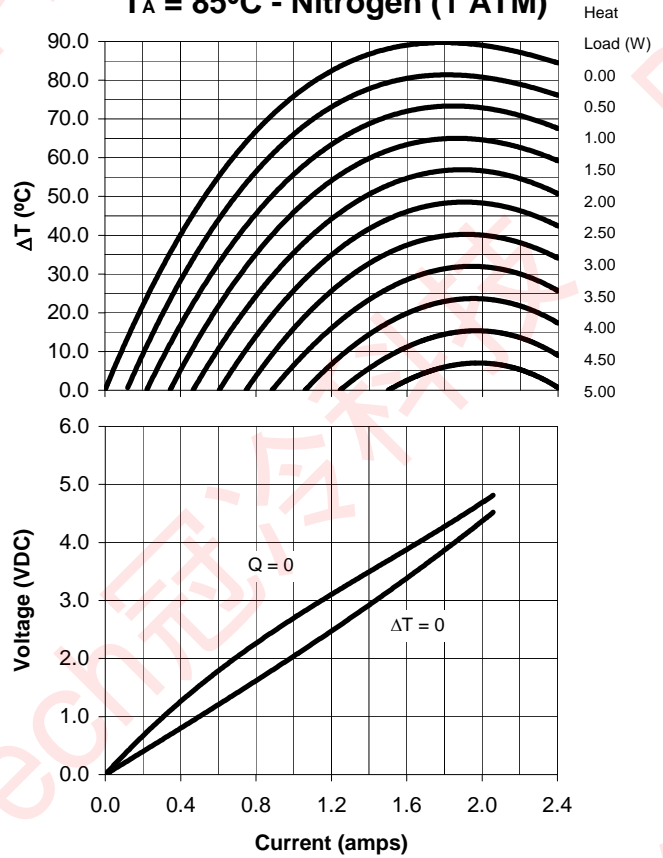
SP5361-07AC	TEHP Assembly, Met Exterior, Au Flash
SP5361-08AC	TEHP Assembly, 138°C Metallized Exterior
SP5361-09AC	TEHP Assembly, Met. Base, 138°C Pretin Top



T_A = 27°C - Nitrogen (1 ATM)



T_A = 85°C - Nitrogen (1 ATM)



TYPICAL PERFORMANCE	
Environment : Nitrogen (1 ATM)	
T _A (C) :	27
V _{MAX} (VDC) :	3.42
Δ T _{MAX} (C) :	70.0
I _{MAX} (amps) :	1.9
Q _{MAX} (W) :	4.5
ACR (Ω) :	1.51

TYPICAL PERFORMANCE	
Environment : Nitrogen (1 ATM)	
T _A (C) :	85
V _{MAX} (VDC) :	4.48
Δ T _{MAX} (C) :	90.5
I _{MAX} (amps) :	1.9
Q _{MAX} (W) :	5.4
ACR (Ω) :	-

SP5361-07AC	TEHP Assembly, Met Exterior, Au Flash
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