


-DRAWING NOT TO SCALE-

		
TITLE: PACKAGE OUTLINE, SOT 6L BODY		
APPROVAL	DOCUMENT CONTROL NO. 21-0058	REV. S 1/2

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHER SPECIFIED.

2. FOOT LENGTH MEASURED AT INTERCEPT POINT BETWEEN DATUM A & LEAD SURFACE.

3. PACKAGE OUTLINE EXCLUSIVE OF MOLD FLASH & METAL BURR. MOLD FLASH, PROTRUSION OR METAL BURR SHOULD NOT EXCEED 0.25mm.

4. PACKAGE OUTLINE INCLUSIVE OF SOLDER PLATING.

5. PIN 1 IS LOWER LEFT PIN WHEN READING TOP MARK FROM LEFT TO RIGHT.

6. PIN 1 I.D. DOT IS  $\varnothing 0.3\text{mm}$  MIN. LOCATED ABOVE PIN 1.

7. MEETS JEDEC MO178, VARIATION AB.

8. SOLDER THICKNESS MEASURED AT FLAT SECTION OF LEAD BETWEEN 0.08mm AND 0.15mm FROM LEAD TIP.

9. LEAD TO BE COPLANAR WITHIN 0.1mm.

10. NUMBER OF LEADS SHOWN ARE FOR REFERENCE ONLY.

11. MARKING IS FOR PACKAGE ORIENTATION REFERENCE ONLY.

12. MATERIAL MUST BE COMPLIANT WITH MAXIM SPECIFICATION 10-0131 FOR SUBSTANCE CONTENT, MUST BE EU ROHS COMPLIANT WITHOUT EXEMPTION AND PB-FREE.

13. ALL DIMENSIONS APPLY TO BOTH LEADED (-) AND PbFREE (+) PKG. CODES.

SYMBOL	MIN	NOMINAL	MAX
A	0.90	1.25	1.45
A1	0.00	0.05	0.15
A2	0.90	1.10	1.30
b	0.35	0.40	0.50
C	0.08	0.15	0.20
D	2.80	2.90	3.00
E	2.60	2.80	3.00
E1	1.50	1.625	1.75
L	0.35	0.45	0.60
L1	0.60 REF.		
e1	1.90 BSC.		
e	0.95 BSC.		
a	0°	2.5°	10°

PKG CODES:  
 U6-1, U6-1A, U6-2, U6-4,  
 U6-4A, U6-5, U6-5A, U6CN-2,  
 U6F-6, U6SN-1, U6-8, U6-9,  
 U6-1C

\*\* U6-9 TO BE USED FOR RF50 PARTS ONLY WHICH USES A SI SPACER  
 \*\* U6-5 USES LOW STRESS MOLD COMPOUND



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