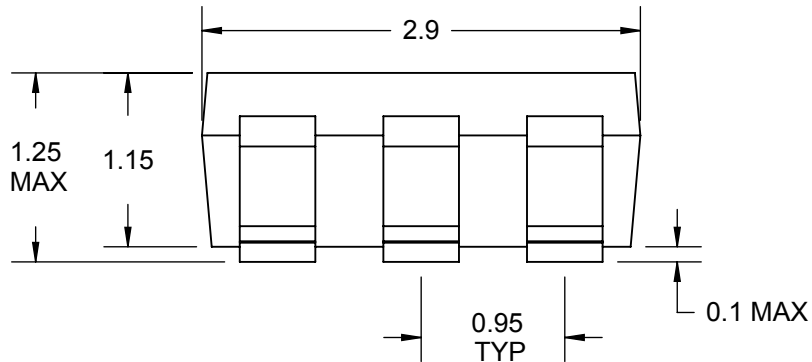
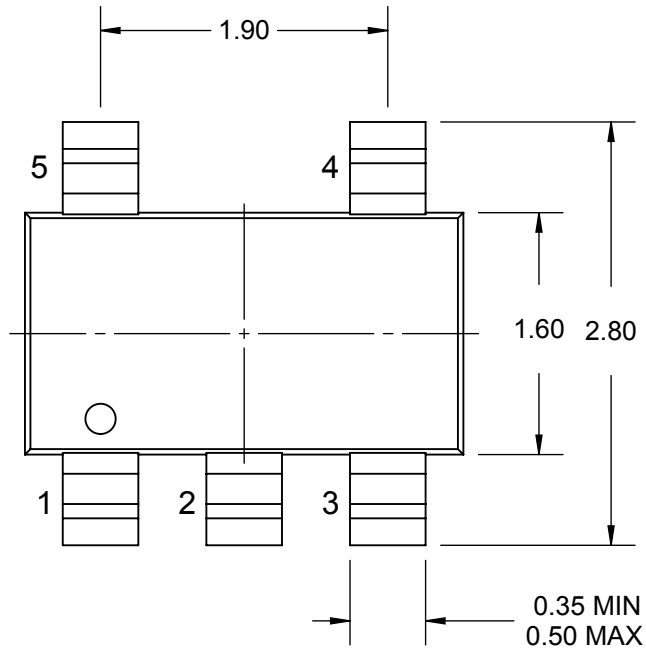
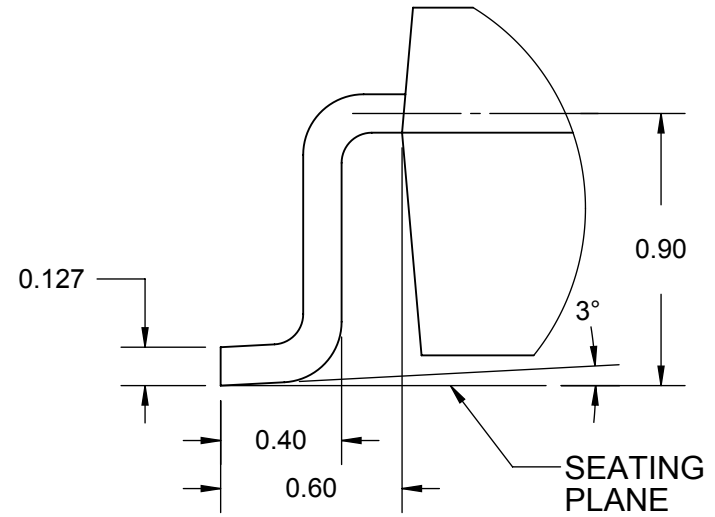


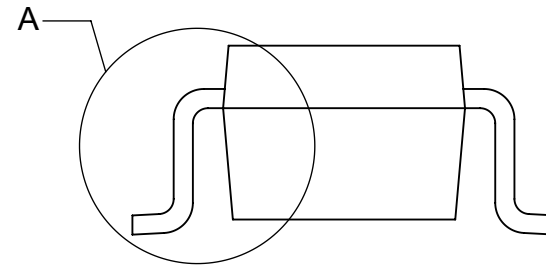
TOP VIEW



DETAIL A SCALE 40 : 1




END VIEW

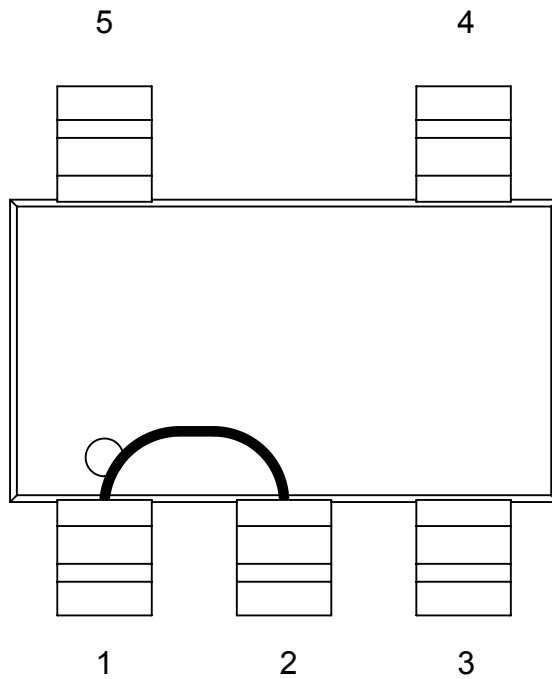


Notes: (Unless Otherwise Specified).

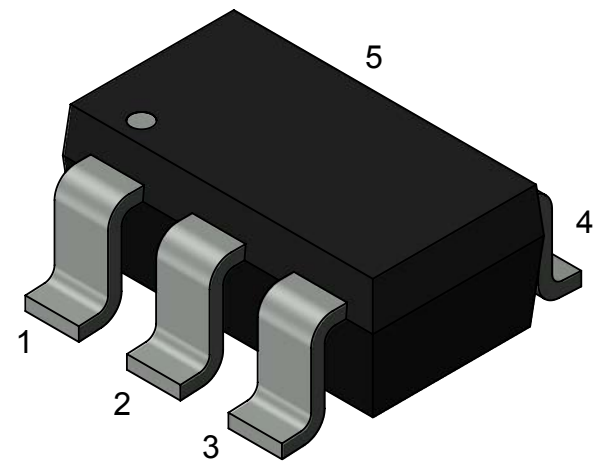
- 1) DIMENSIONS IN mm.
- 2) SEE JUMPER DIAGRAM (PAGE 2).
- 3) SEE PART NUMBER CONFIGURATION (PAGE 4).
- 4) RECOMMENDED PC BOARD LAYOUT PATTERN (PAGE 7).

APPROVALS		DATE				
DRAWN	T.Au	6/23/2020				
ENG	M. Hart	6/23/2020	TITLE		SOT25-DC21 JUMPER PIN 1~2	
MFG			SCALE	SIZE	DRAWING NO.	REV
QA			20:1	A	122521	A
CUST			DO NOT SCALE DRAWING			SHEET 1 OF 7
REVISED						

INTERNAL WIRING CIRCUIT (JUMPER)
 PART NUMBER SUFFIX
 TOP VIEW



87 & %

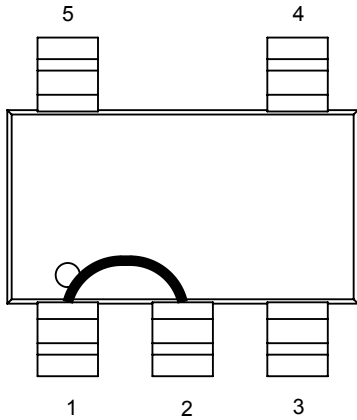


SOT25 PACKAGE

TopLine®

TITLE			
SOT25-DC21 JUMPER PIN 1~2			
SCALE	SIZE	DRAWING NO.	REV
20:1	A	122521	A
DO NOT SCALE DRAWING			SHEET 2 OF 7

G7<9A5H7'9EI 5 @BH-BH9FB5 @7 F7I 4



87 & %



R_w = WIRE-BOND.

H9AD9F5HI F9'F5HB;

JUNCTION TEMP T _J	150 °C
STORAGE TEMP T _{stg}	-65 °C TO 150 °C
PEAK REFLOW TEMP T _{reflow} 10 SECONDS	260 °C

H<9FA5 @F9G-GH5 B7 9

JUNCTION TO AMBIENT (T _a =25 °) R _{th(j-a)}	350K/W
---	--------

9 @7 HF 7 5 @F9G-GH5 B7 9 'A = @C < A 'fB7 L'A 5 L

7 F7I 4	D-B %HC &
DC21	50 mΩ

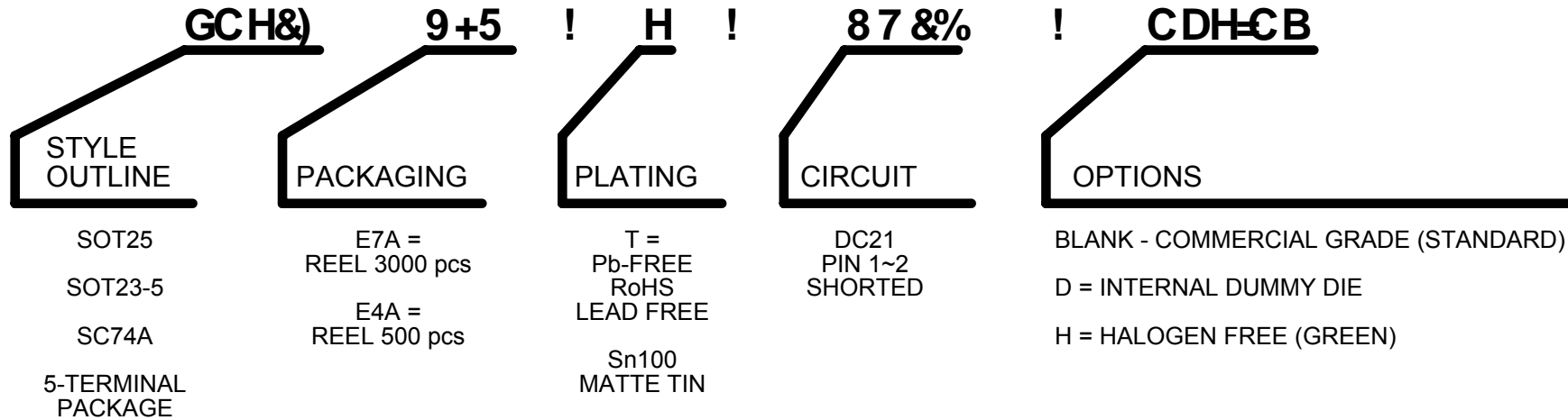
A5L-AI A '9 @7 HF 7 5 @fB7 L'F5 HB;

WORKING VOLTAGE	100V
CURRENT RATING	200mA
POWER @ 25 °C	200mW

TopLine®

TITLE				SOT25-DC21 JUMPER PIN 1~2			
SCALE	SIZE	DRAWING NO.		REV			
8:1	A	122521		A			
DO NOT SCALE DRAWING						SHEET 3 OF 7	

PART NUMBERING SYSTEM

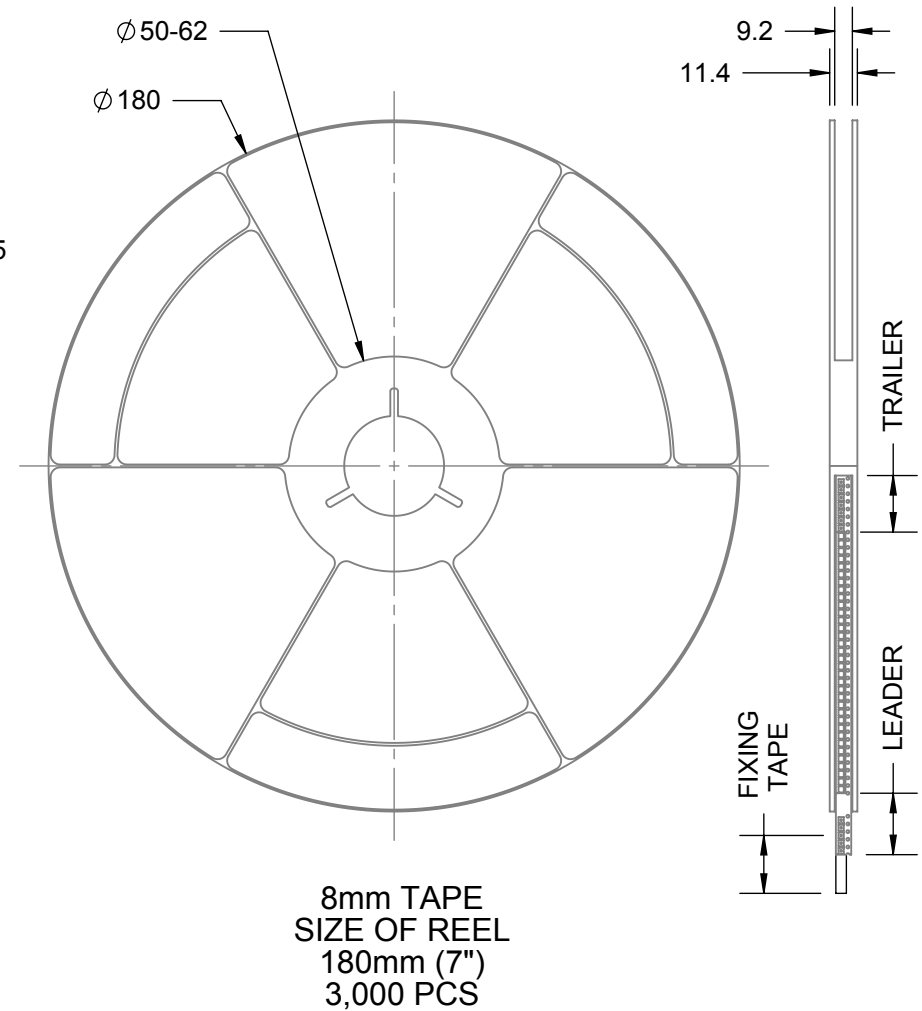
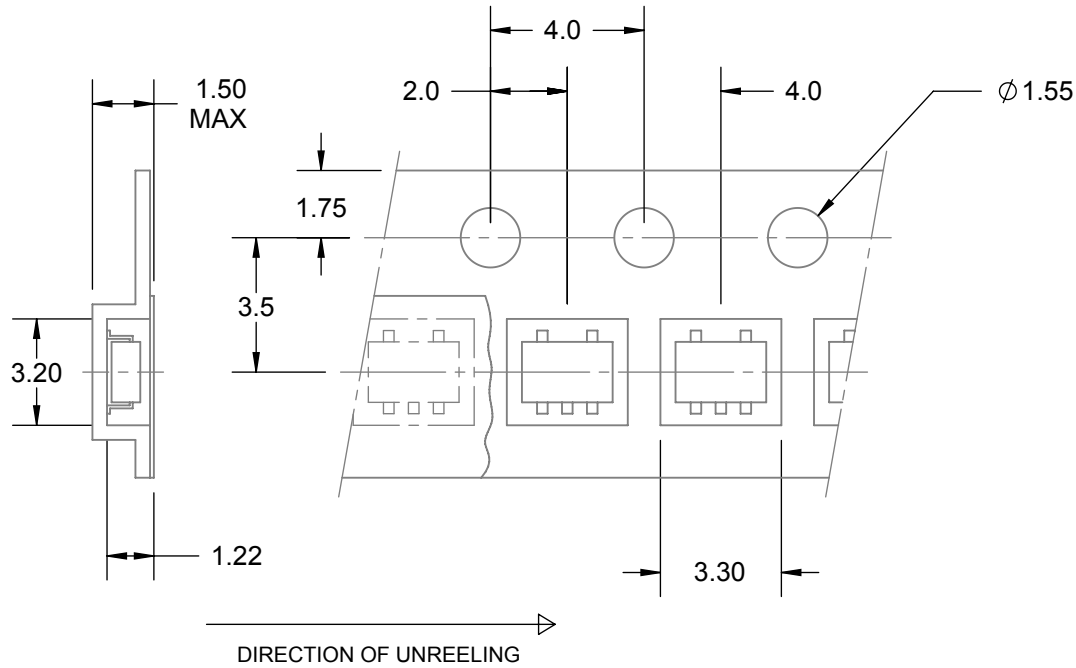


D5 FH'BI A69F	G<CFH98'D-BG	Fc<G DVI: F99	AG@ @J9@	<5 @C; 9B: F99	; F589	HCD' A5F?
SOT25E7A-T-DC21D	1 to 2	YES	1	YES	COMMERCIAL	21D
SOT25E7A-T-DC21H	1 to 2	YES	1	YES	COMMERCIAL	21H

TopLine®			
TITLE SOT25-DC21 JUMPER PIN 1~2			
SCALE 25:1	SIZE A	DRAWING NO. 122521	REV A
DO NOT SCALE DRAWING		SHEET 4 OF 7	

TAPE SPECIFICATION FOR SOT25 (SC74A) SURFACE MOUNT DEVICE

PACKAGE REEL



ALL DIMENSIONS IN mm

TopLine®			
TITLE SOT25-DC21 JUMPER PIN 1~2			
SCALE 1:1	SIZE A	DRAWING NO. 122521	REV A
DO NOT SCALE DRAWING		SHEET 5 OF 7	

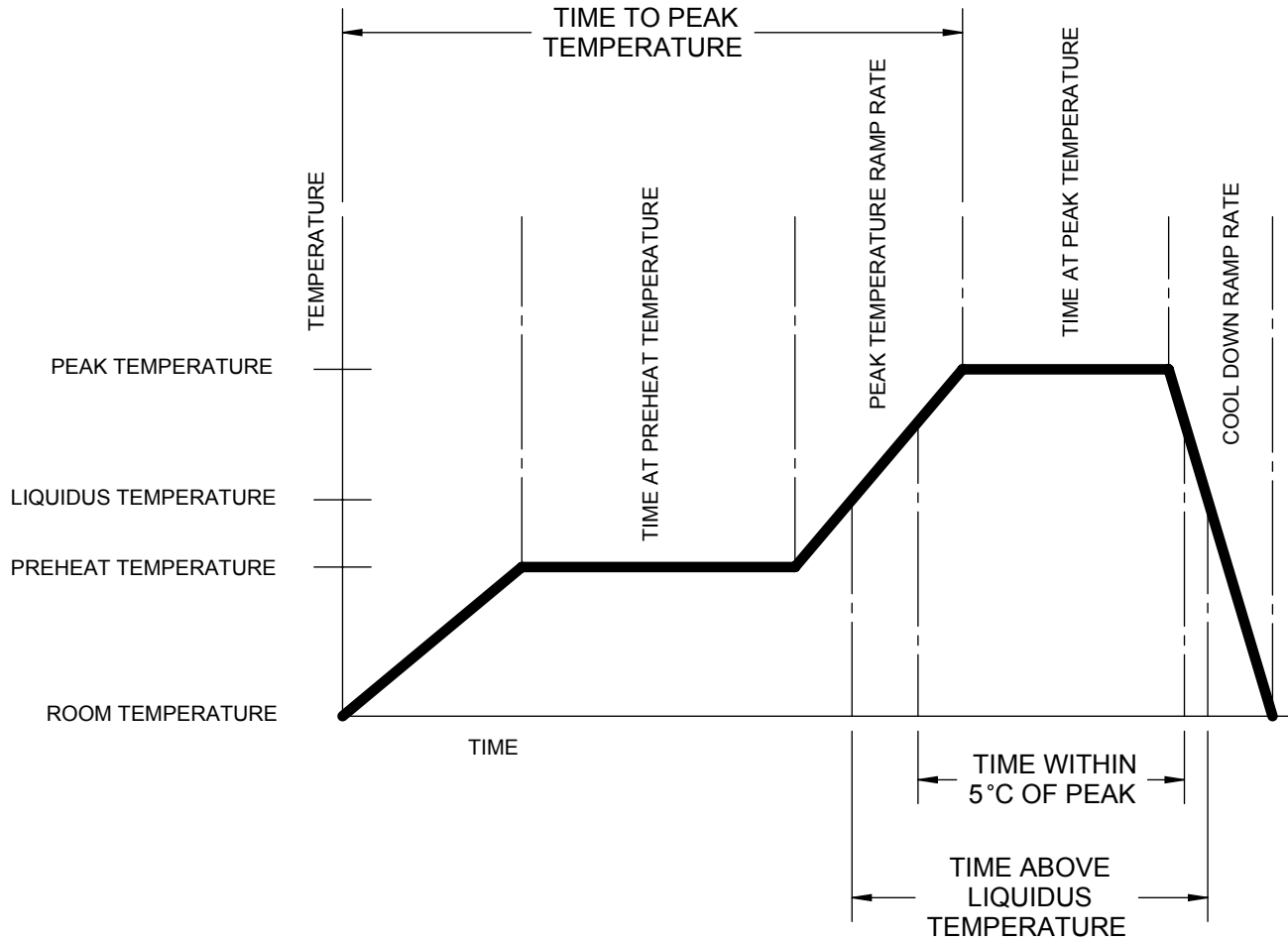
MATERIALS CONTENT DECLARATION FORM

SOT25 (SC74A) PACKAGE

GCH8) fG7 +(5LD57 ?5; 9 DV! : F99 Fc<G					
%D7 K H. % "&%a [
7 CADCGHCB 6 F95 ?8CKB	A 1 "A "fA5 ?9 I D C: A5 H9F 5 @GL	7 <9A 75 @ 7 CADCGHCB	7 5 G'BC	A 5 GG'i	GI 6 GH5 B7 9 K 9 = <H'fb [L
LEADFRAME (5.3 mg)	A194 COPPER	Cu	7440-50-8	97.50%	5.1680
		Fe	7439-89-6	2.35%	0.1250
		P	7723-14-0	0.03%	0.0020
		Zn	7440-66-6	0.12%	0.0060
DIE CHIP (1.5 mg)	SILICON	SILICON (Si)	7440-21-3	100%	1.5
BONDING WIRE (0.8 mg)	COPPER	COPPER (Cu)	7440-50-8	100%	0.80
ENCAPSULATION (7.41 mg)	EPOXY RESIN	FUSED SILICA	60676-86-0	87.50%	6.48
		EPOXY RESIN	129915-35-1	5.00%	0.37
		CARBON BLACK	1333-86-4	0.50%	0.04
		EPOXY CRESOL NOVALAC	29690-82-2	2.00%	0.15
		PHENOL RESIN	90003-35-4	5.00%	0.37
TERMINATION PLATING (1.20 mg)	PURE TIN	TIN (Sn)	7440-31-5	100%	1.20

TopLine®			
TITLE SOT25-DC21 JUMPER PIN 1~2			
SCALE 1:1	SIZE A	DRAWING NO. 122521	REV A
DO NOT SCALE DRAWING			SHEET 6 OF 7

Q58: F99 F9: CK DFC: =C: GA8 D57?5; 9



89G7 F-DHCB	F9EI F9A9BH
AVERAGE PREHEAT RAMP RATE	3°C /SECOND MAXIMUM
PREHEAT TEMPERATURE	150°C MINIMUM, 200°C MAXIMUM
PREHEAT TIME	60 TO 80 SECONDS
RAMP TO PEAK	3°C /SECOND MAXIMUM
TIME OVER LIQUIDUS (217°C)	60 TO 150 SECONDS
PEAK TEMPERATURE	260°C +0/-5°C
TIME WITHING 5°C OF PEAK	20 TO 40 SECONDS
RAMP - COOL DOWN	6°C /SECONDS MAXIMUM
TIME 25°C TO PEAK	8 MINUTES MAXIMUM

TopLine®			
TITLE SOT25-DC21 JUMPER PIN 1~2			
SCALE 1:1	SIZE A	DRAWING NO. 122521	REV A
DO NOT SCALE DRAWING		SHEET 7 OF 7	