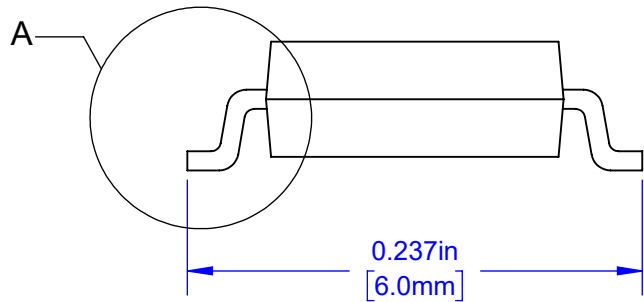
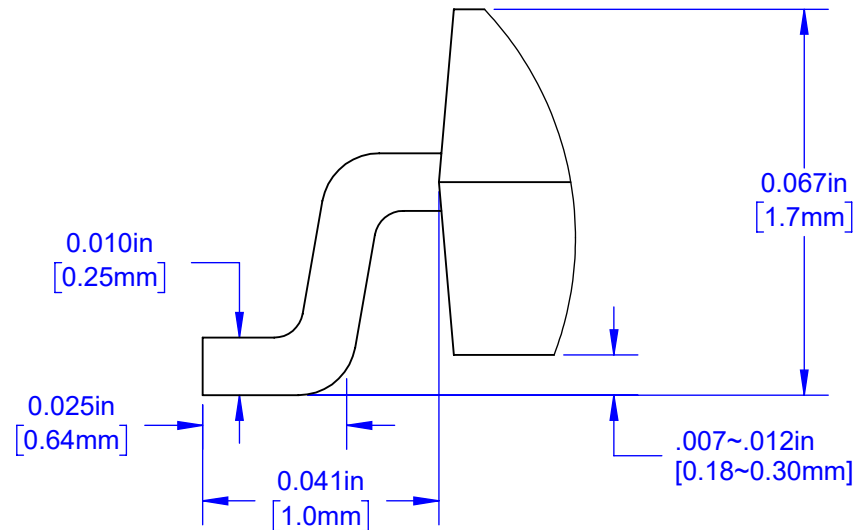


**DETAIL A
SCALE 30 : 1**

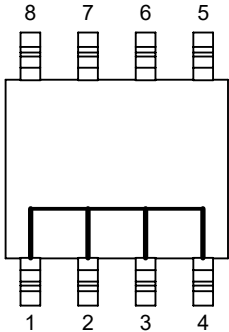


Notes: (Unless Otherwise Specified)

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

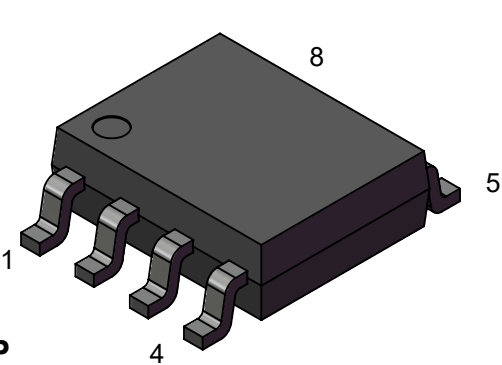
APPROVALS	DATE	TopLine®			
DRAWN T. Au	8/17/2021				
ENG M. Hart	8/17/2021	TITLE SO8-BUS1234 ZERO OHM JUMPER			
MFG		SCALE 10:1	SIZE A	DRAWING NO.	REV
QA				320813	A
CUST		DO NOT SCALE DRAWING			SHEET 1 OF 7
REVISED					

INTERNAL WIRING CIRCUIT (JUMPER) PART NUMBER SUFFIX TOP VIEW

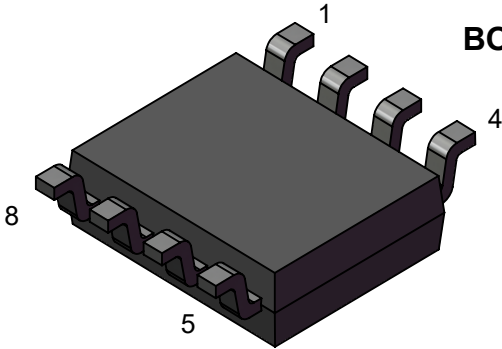


BUS1234
JUMPER

MODEL



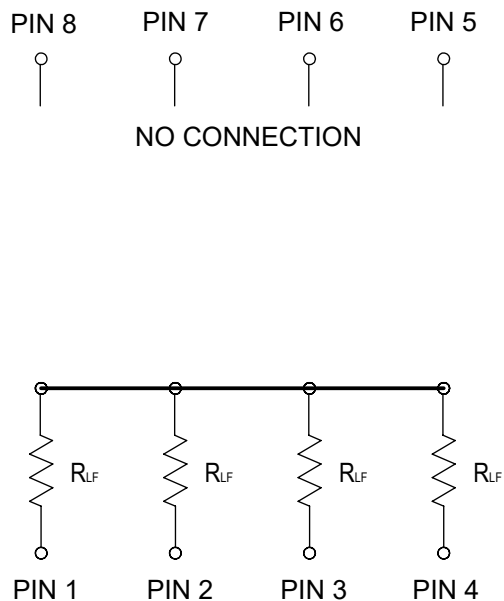
TOP



BOTTOM

TopLine®			
TITLE SO8-BUS1234 ZERO OHM JUMPER			
SCALE	SIZE	DRAWING NO.	REV
8:1	A	320813	A
DO NOT SCALE DRAWING			SHEET 2 OF 7

SCHEMATIC EQUIVALENT INTERNAL CIRCUIT (DC28)



R_w = GOLD WIRE-BOND.
R_{LF} = LEAD FRAME.

ELECTRICAL RESISTANCE MILIOHM (DC) MAX

CIRCUIT	PIN TO PIN
1~2~3~4	50 mΩ

TEMPERATURE RATING

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

MAXIMUM ELECTRICAL (DC) RATING PER PIN

WORKING VOLTAGE	100 V
CURRENT RATING	4.0A

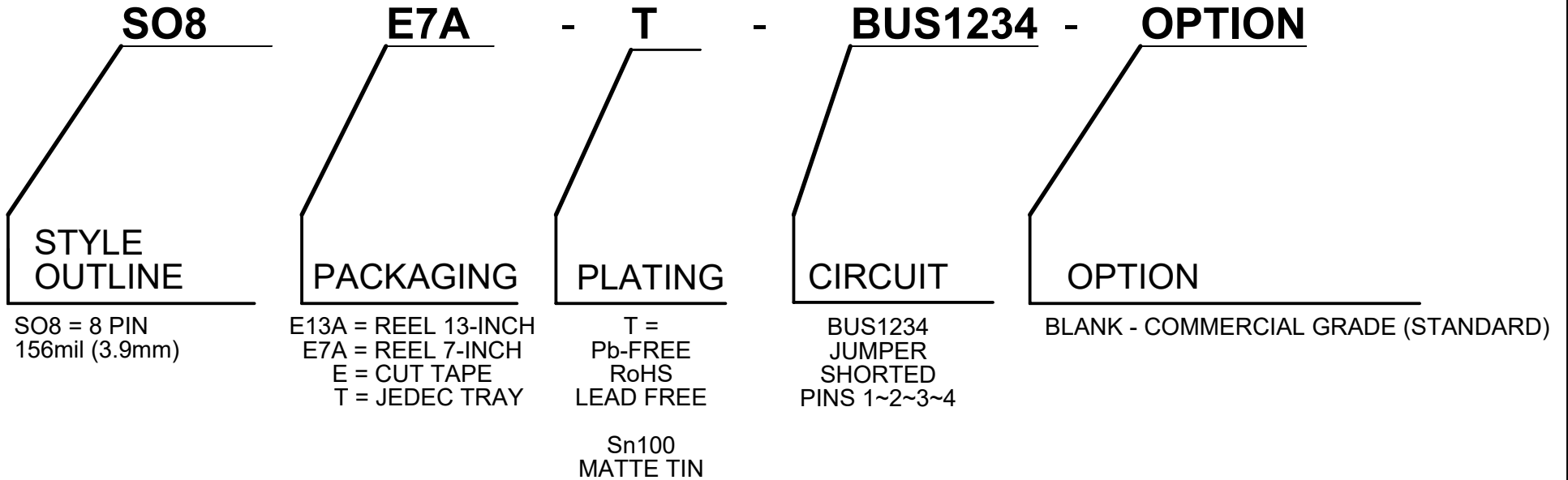
THERMAL RESISTANCE

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

TopLine®

TITLE				SO8-BUS1234 ZERO OHM JUMPER			
SCALE	SIZE	DRAWING NO.		REV			
NONE	A	320813		A			
DO NOT SCALE DRAWING						SHEET 3 OF 7	

PART NUMBERING SYSTEM

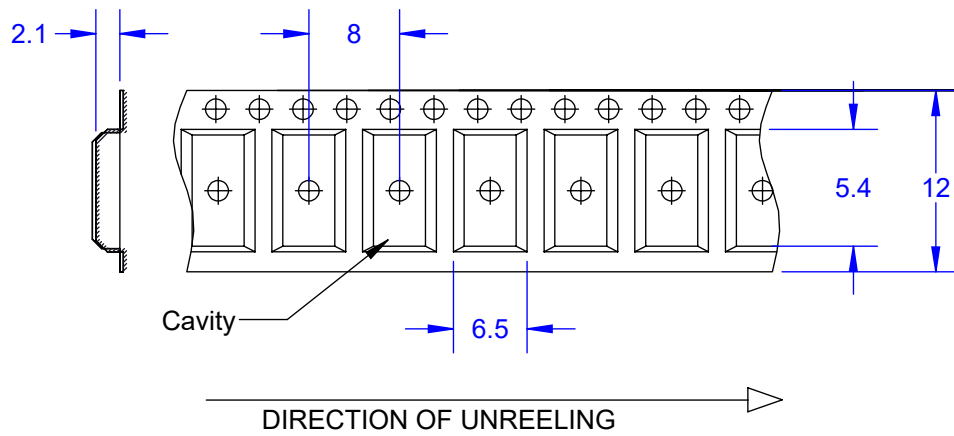


PART NUMBER	SHORTED PINS	PACKAGING	RoHS Pb-FREE	MSL LEVEL
SO8E7A-T-BUS1234	1~2~3~4	TAPE & REEL	YES	3
SO8E-T-BUS1234	1~2~3~4	CUT TAPE	YES	3
SO8T-T-BUS1234	1~2~3~4	JEDEC TRAY	YES	3

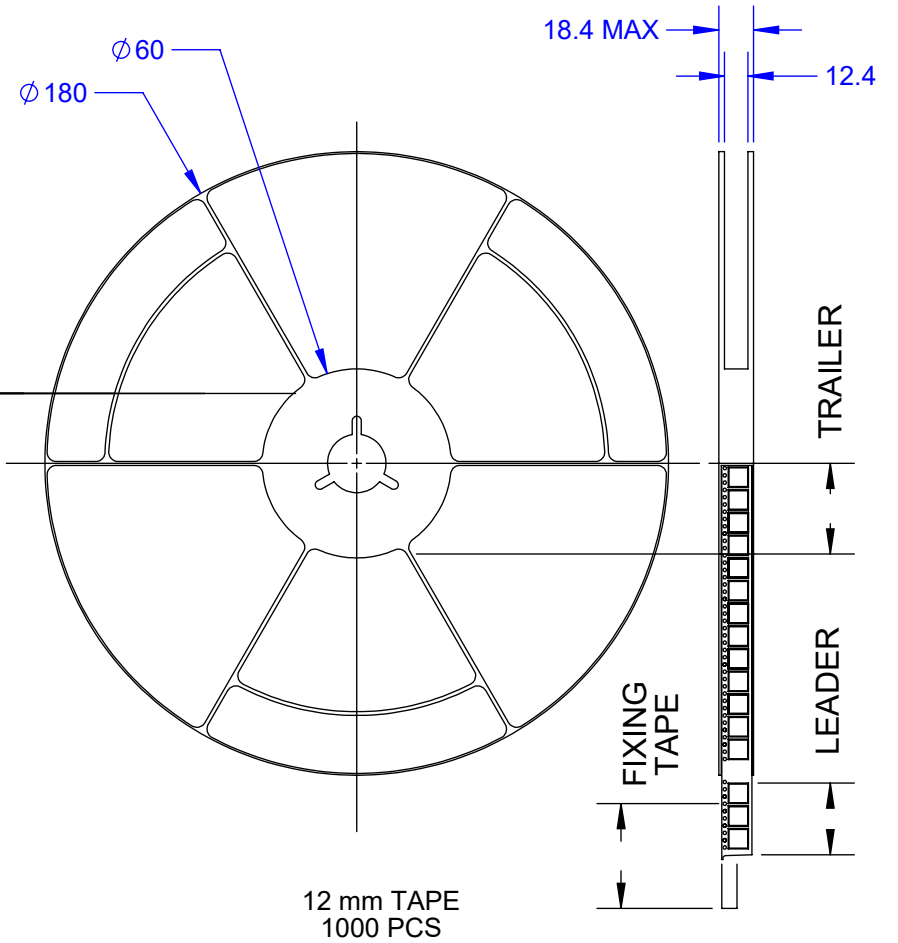
TopLine®			
TITLE SO8-BUS1234 ZERO OHM JUMPER			
SCALE NONE	SIZE A	DRAWING NO. 320813	REV A
DO NOT SCALE DRAWING		SHEET 4 OF 7	

TAPE SPECIFICATION SO8 SURFACE MOUNT DEVICE

TAPE DIMENSIONS



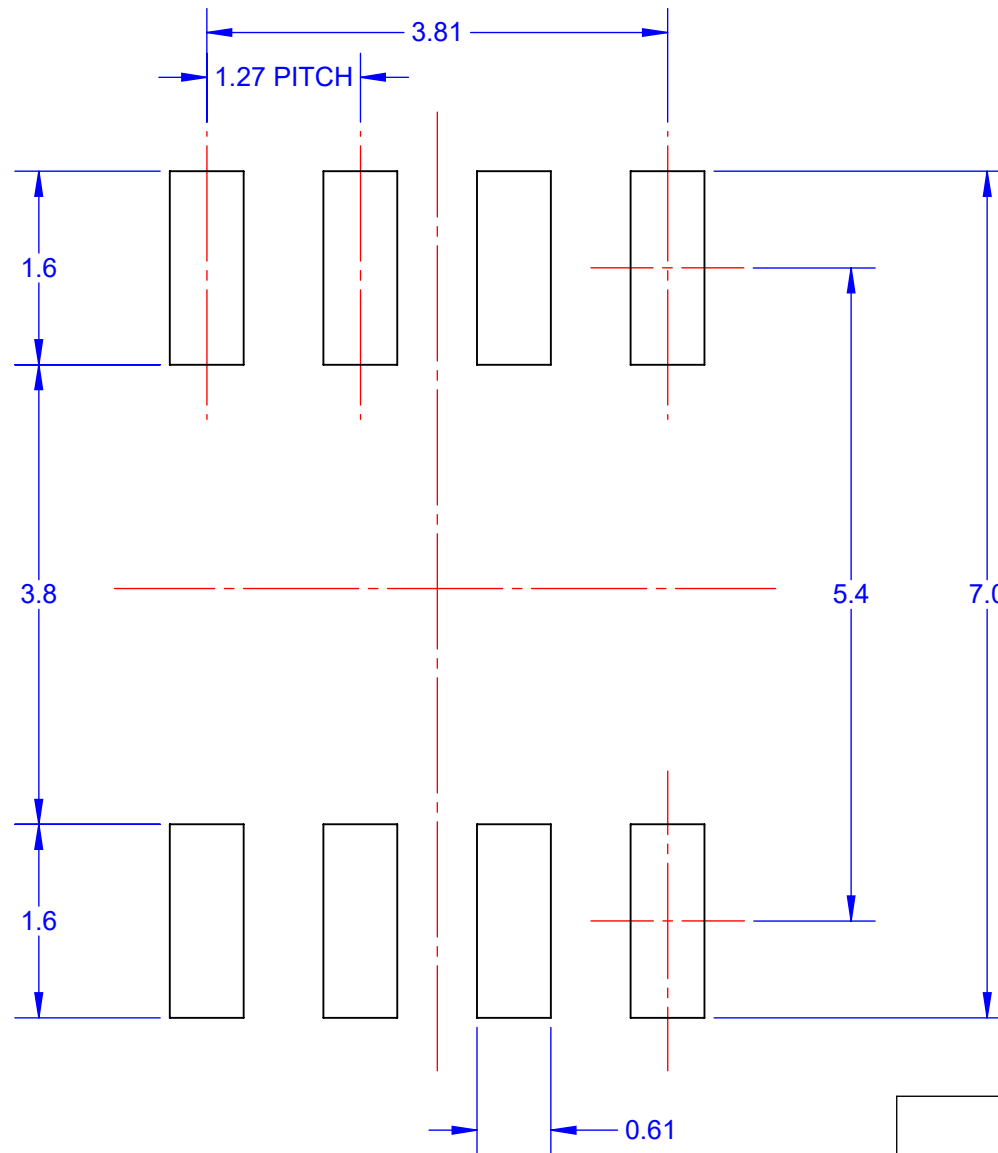
PACKAGE REEL



ALL DIMENSIONS IN mm

TopLine®			
TITLE SO8-BUS1234 ZERO OHM JUMPER			
SCALE	SIZE	DRAWING NO.	REV
NONE	A	320813	A
DO NOT SCALE DRAWING			SHEET 5 OF 7

PC BOARD LAND PATTERN

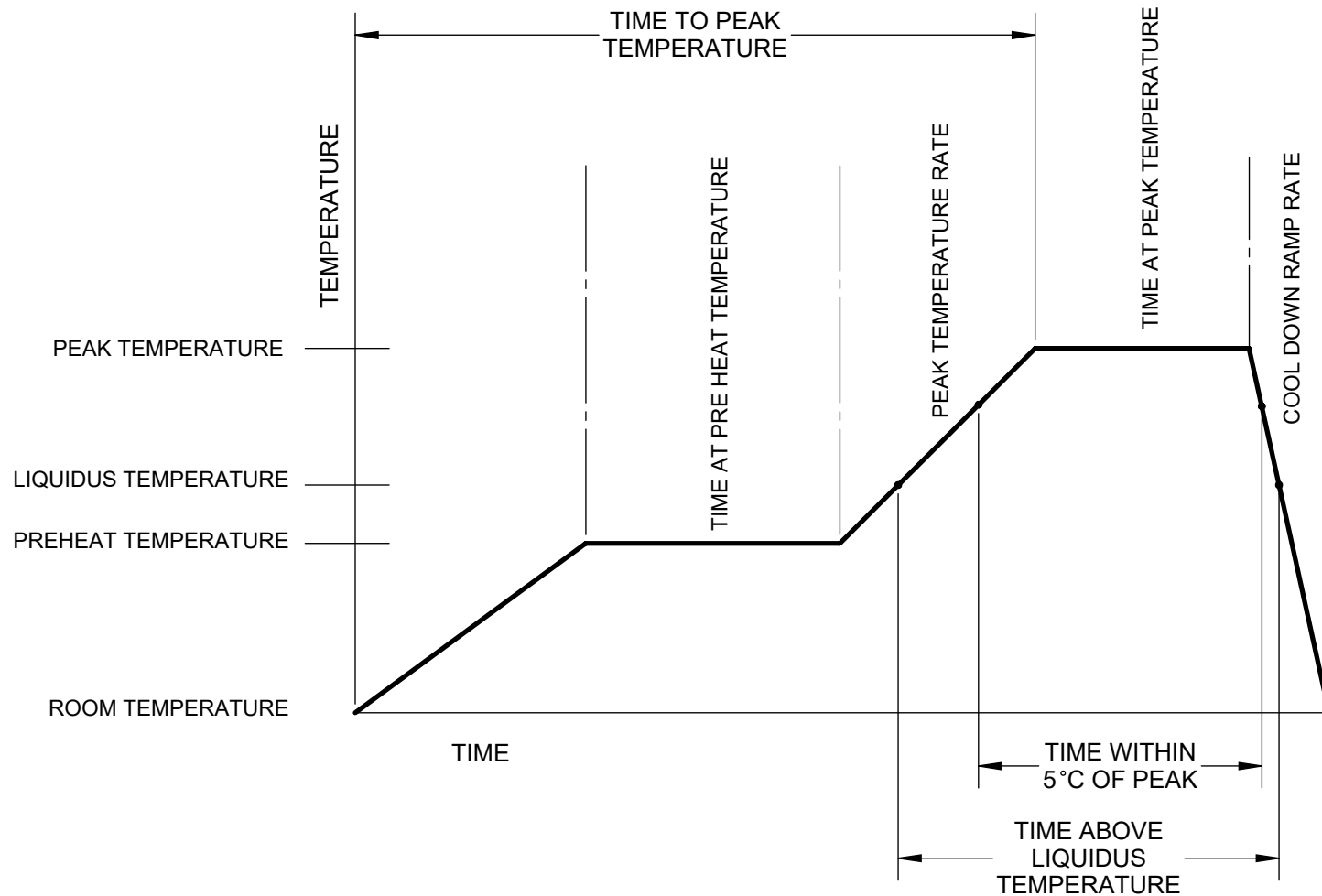


Notes: (Unless Otherwise Specified)

- 1) DIMENSIONS ARE IN INCH (mm).
- 2) PCB BOARD DIMENSIONS ARE PRESENTED ONLY AS A GUIDELINE.
- 3) DESIGNERS SHOULD USE THEIR OWN EXPERIENCE WHEN DESIGNING PCB.

TopLine®			
TITLE		SO8-BUS1234 ZERO OHM JUMPER	
SCALE	SIZE	DRAWING NO.	REV
16:1	A	320813	A
DO NOT SCALE DRAWING			SHEET 6 OF 7

LEAD FREE REFLOW PROFILE OF SMD PACKAGE



DESCRIPTION	REQUIREMENT
AVERAGE PREHEAT RAMP RATE	3 °C/SECOND MAXIMUM
PREHEAT TEMPERATURE	150 °C MAXIMUM, 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 WITHIN 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			
SO8-BUS1234 ZERO OHM JUMPER			
SCALE	SIZE	DRAWING NO.	REV
NONE	A	320813	A
DO NOT SCALE DRAWING			SHEET 7 OF 7