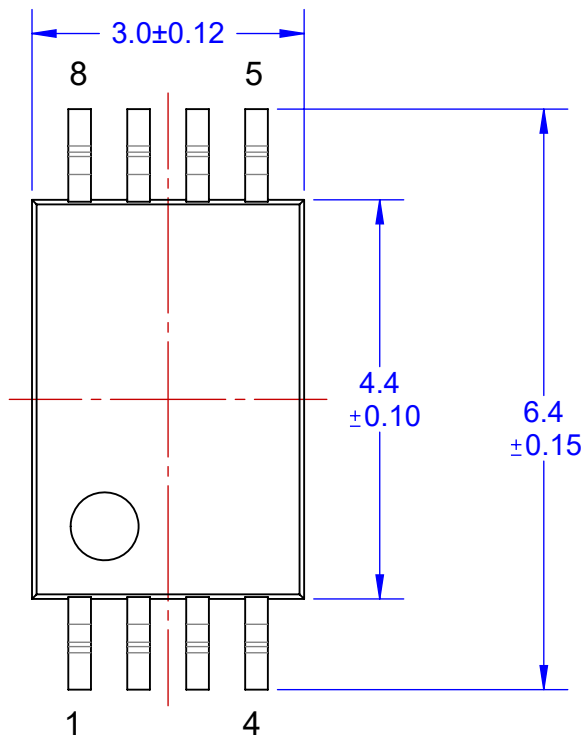
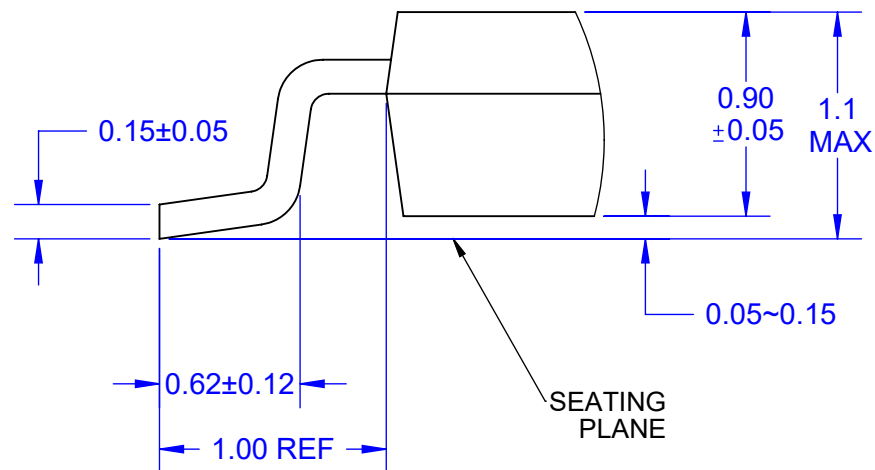


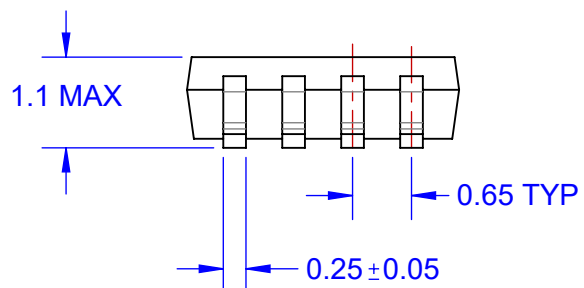
TOP VIEW



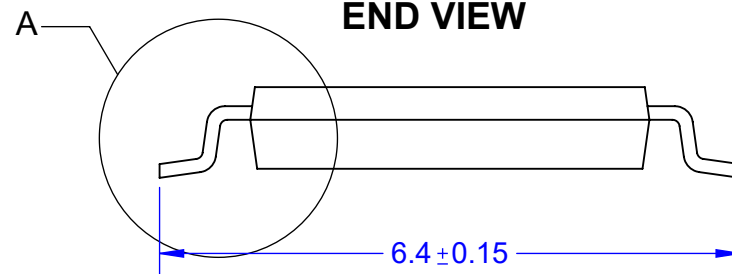
DETAIL A



SIDE VIEW



END VIEW

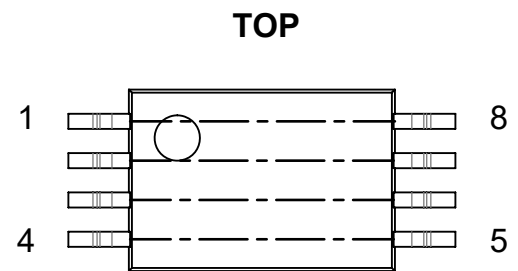
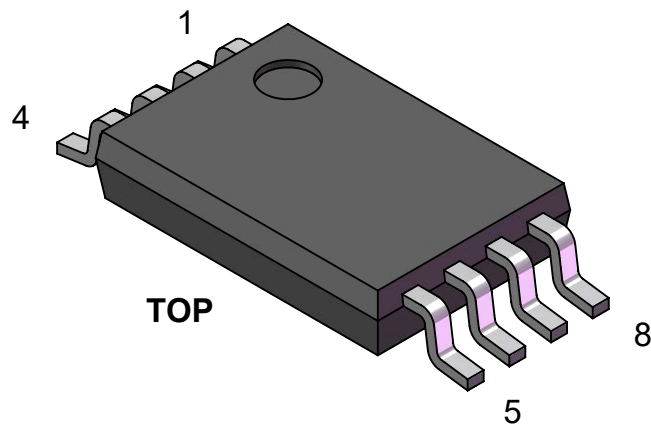


Notes: (Unless Otherwise Specified)

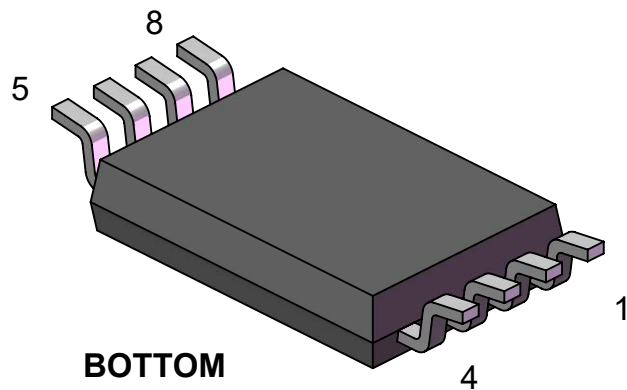
1. DIMENSIONS mm.
2. SEE DAISY CHAIN JUMPER DIAGRAMS (PAGE 2).
3. SEE PART NUMBER CONFIGURATION (PAGE 4).
4. RECOMMENDED PC BOARD LAYOUT PATTERN (PAGE 7).

APPROVALS	DATE	TopLine®			
DRAWN T.Au	04/06/2024				
ENG M. Hart	04/06/2024	TITLE TSSOP8 - DC28 ZERO OHM JUMPER			
MFG		SCALE	SIZE	DRAWING NO.	REV
QA		10:1	A	120828	A
CUST		DO NOT SCALE DRAWING			SHEET 1 OF 8
REVISED					

INTERNAL WIRING CIRCUIT (JUMPER) PART NUMBER SUFFIX TOP VIEW

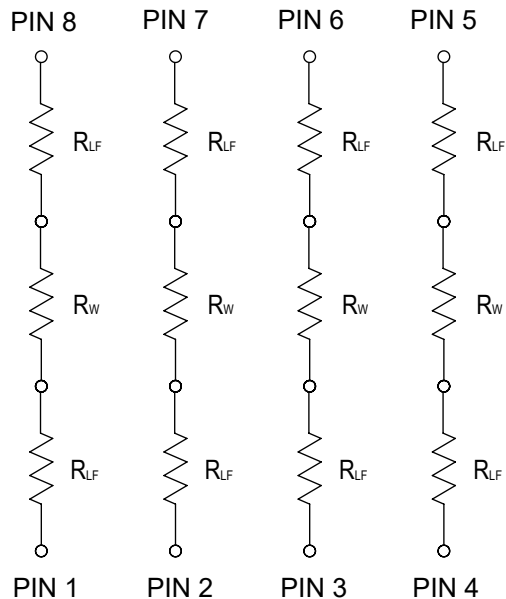


DC28
JUMPER
PIN 1-8 PIN 3-6
PIN 2-7 PIN 4-5



TopLine®			
TITLE TSSOP8 - DC28 ZERO OHM JUMPER			
SCALE 10:1	SIZE A	DRAWING NO. 120828	REV A
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SCHEMATIC EQUIVALENT INTERNAL CIRCUIT (DC28)



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

ELECTRICAL RESISTANCE MILIOHM (DC) MAX

CIRCUIT	PIN TO PIN
1 ~ 8	50 mΩ
2 ~ 7	50 mΩ
3 ~ 6	50 mΩ
4 ~ 5	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	100mA
POWER @ 25 °C	350 mW
ESD PROTECTION ON PINS	> 3 kV

THERMAL RESISTANCE

JUNCTION TO AMBIENT ($T_a=25^\circ$) $R_{th(j-a)}$	350K/W
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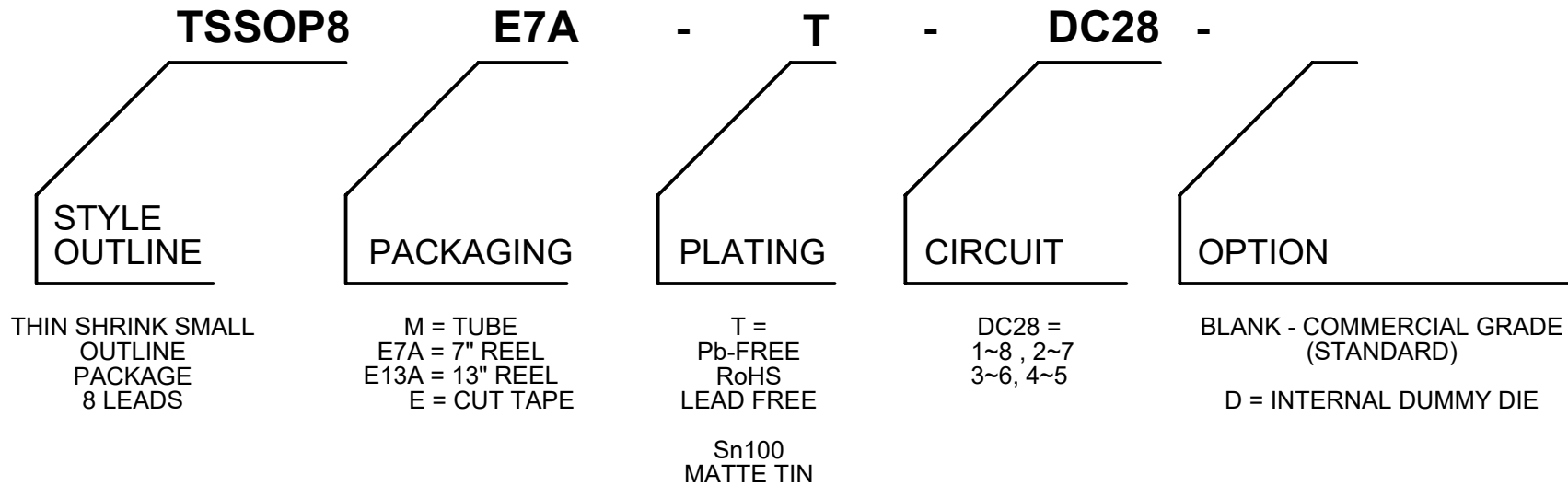
TITLE TSSOP8 - DC28
ZERO OHM JUMPER

SCALE NONE	SIZE A	DRAWING NO. 120828	REV A
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DO NOT SCALE DRAWING

SHEET 3 OF 8

PART NUMBERING SYSTEM

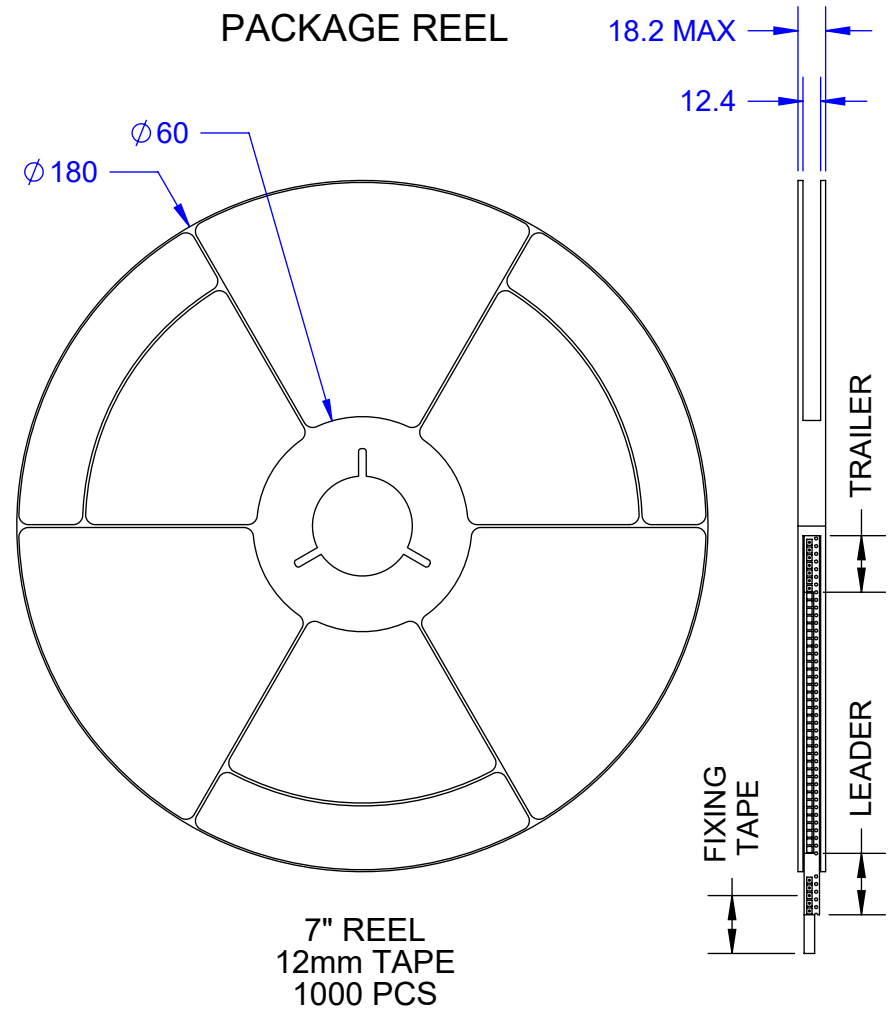
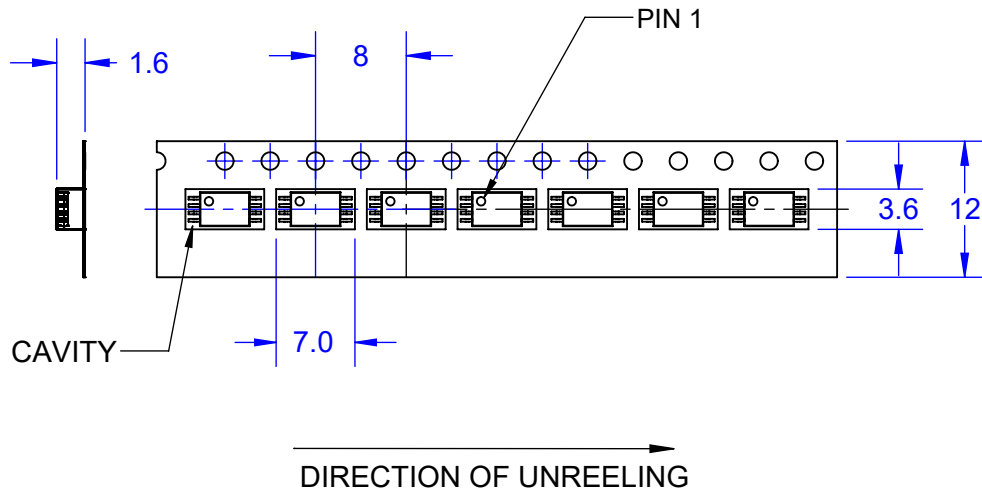


PART NUMBER	SHORTED PINS	PACKAGING	RoHS Pb-FREE	MSL LEVEL
TSSOP8E-T-DC28	1~8, 2~7 3~6, 4~5	CUT TAPE	YES	1
TSSOP8E7A-T-DC28	1~8, 2~7 3~6, 4~5	7" REEL	YES	1
TSSOP8E13A-T-DC28	1~8, 2~7 3~6, 4~5	13" REEL	YES	1
TSSOP8M-T-DC28	1~8, 2~7 3~6, 4~5	TUBE	YES	1

TopLine®			
TITLE TSSOP8 - DC28 ZERO OHM JUMPER			
SCALE NONE	SIZE A	DRAWING NO. 120828	REV A
DO NOT SCALE DRAWING			SHEET 4 OF 8

TAPE SPECIFICATION TSSOP8 SURFACE MOUNT DEVICE

TAPE DIMENSIONS

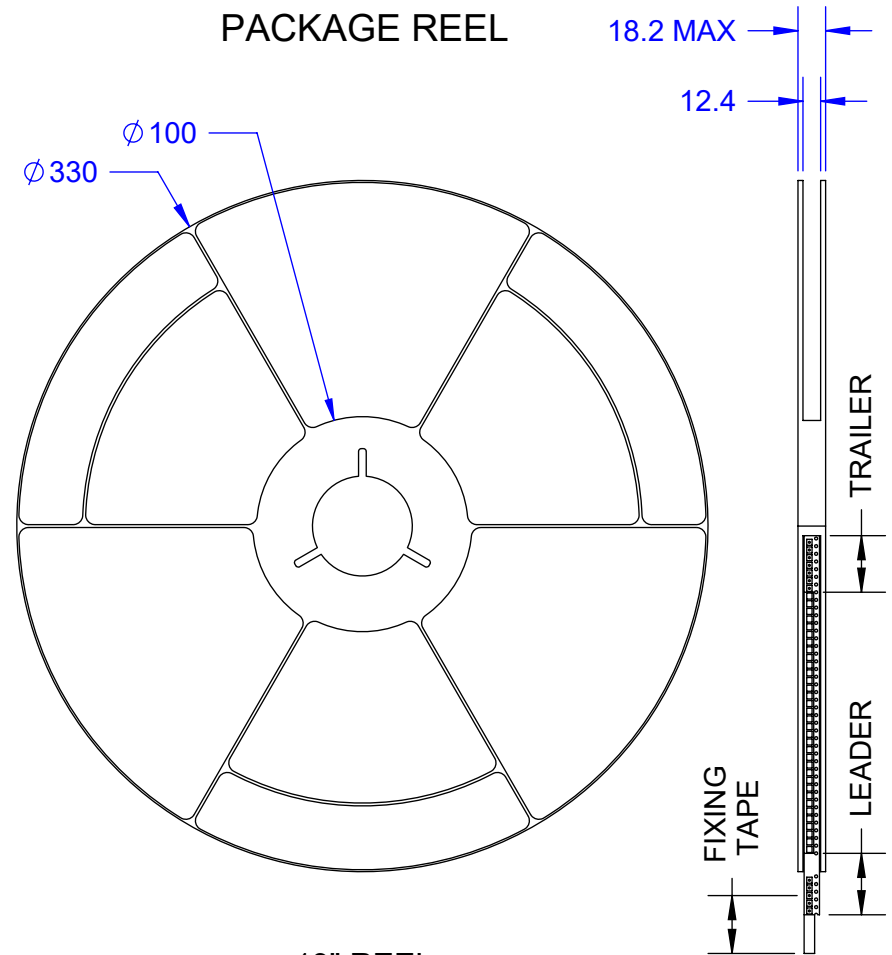
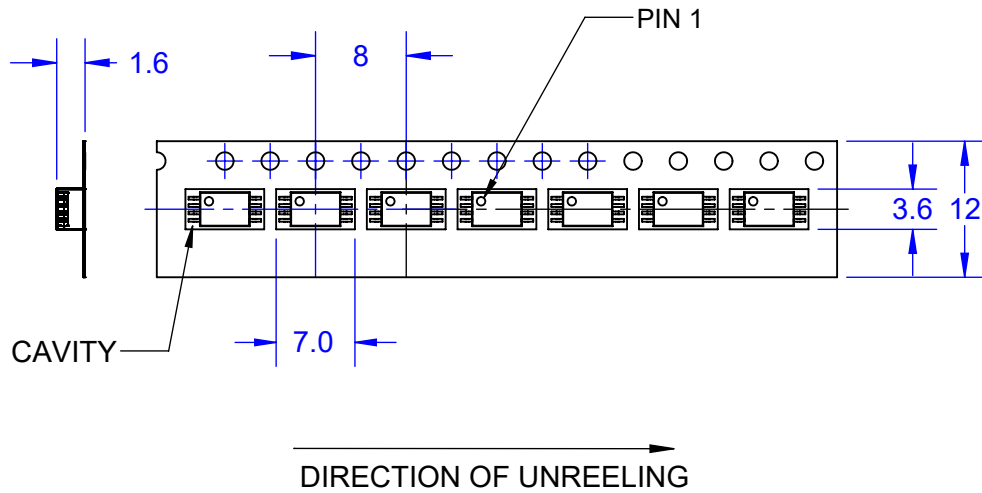


ALL DIMENSIONS IN mm.

TopLine®			
TITLE TSSOP8 - DC28 ZERO OHM JUMPER			
SCALE 3:2	SIZE A	DRAWING NO. 120828	REV A
DO NOT SCALE DRAWING			SHEET 5 OF 8

TAPE SPECIFICATION TSSOP8 SURFACE MOUNT DEVICE

TAPE DIMENSIONS

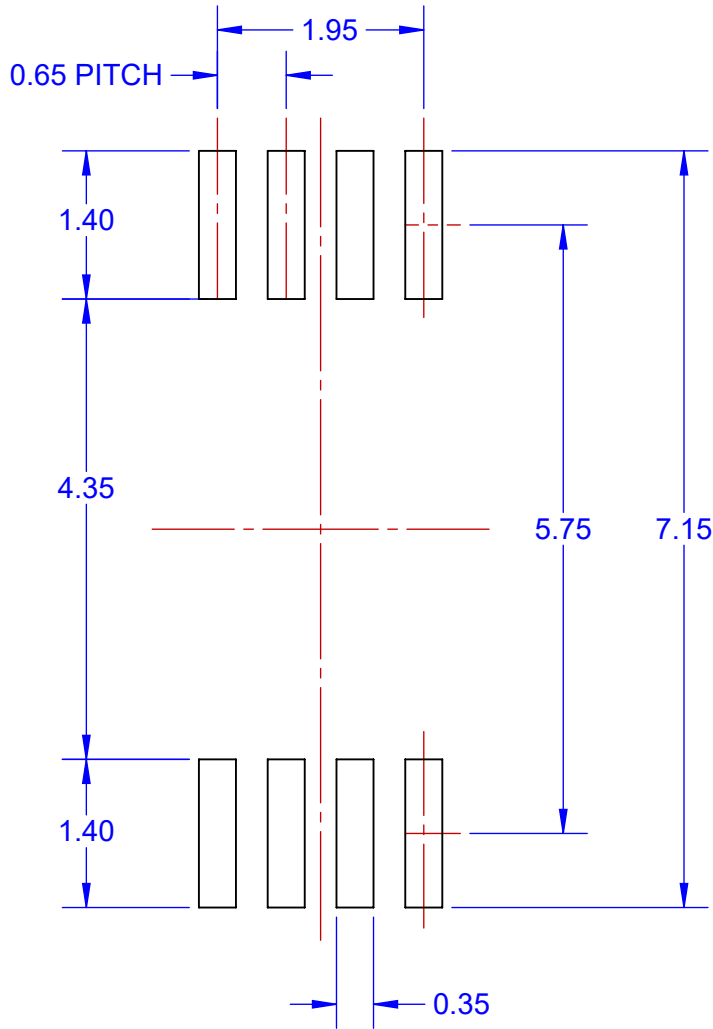


13" REEL
12mm TAPE
2500~3000 PCS

ALL DIMENSIONS IN mm.

TopLine®			
TITLE TSSOP8 - DC28 ZERO OHM JUMPER			
SCALE 3:2	SIZE A	DRAWING NO. 120828	REV A
DO NOT SCALE DRAWING			SHEET 6 OF 8

PCB BOARD LAND PATTERN

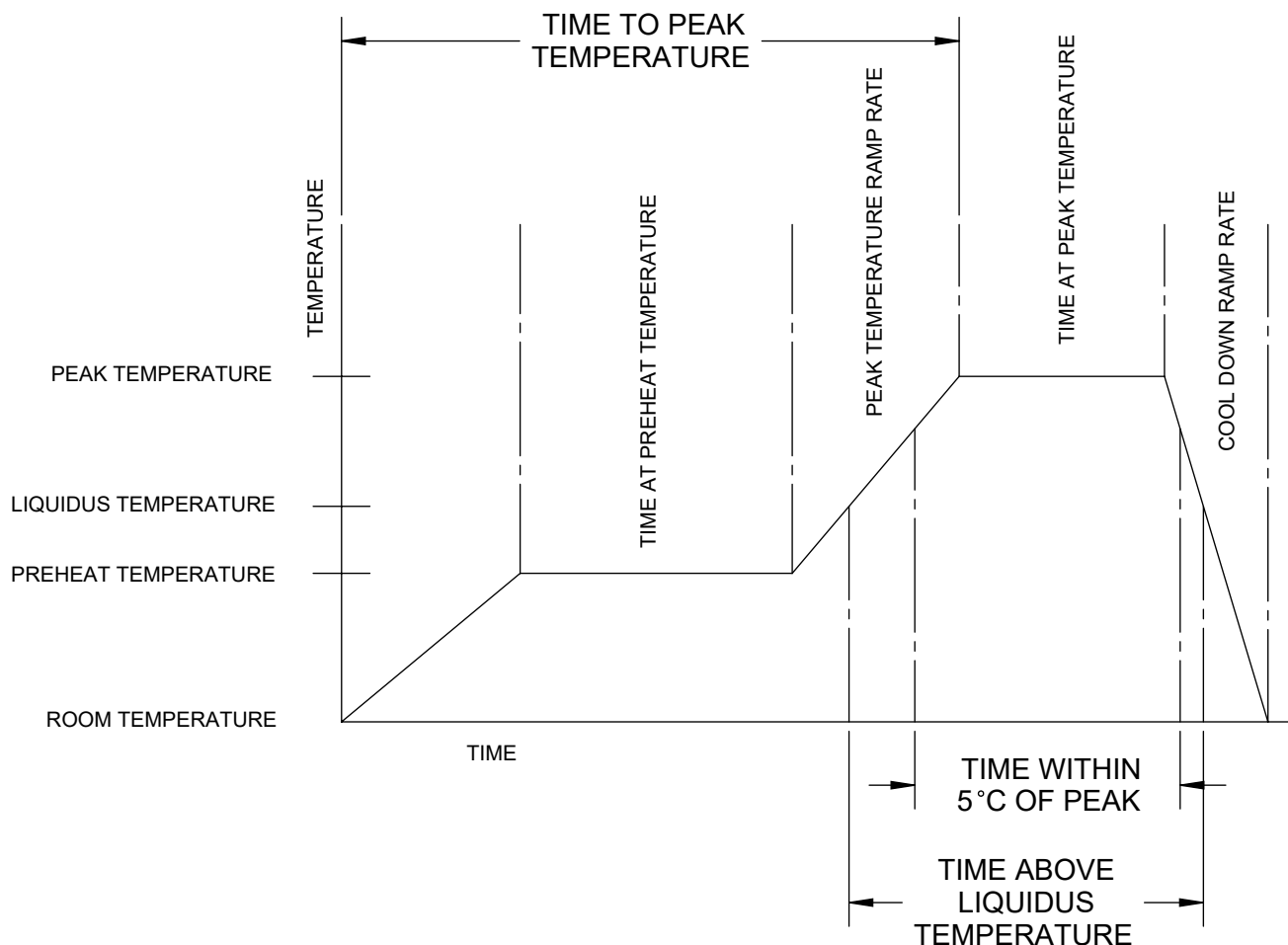


Notes: (Unless Otherwise Specified)

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

TopLine[®]			
TITLE		TSSOP8 - DC28 ZERO OHM JUMPER	
SCALE	SIZE	DRAWING NO.	REV
12:1	A	120828	A
DO NOT SCALE DRAWING			SHEET 7 OF 8

LEAD FREE REFLOW PROFILE OF SMD PACKAGE



DESCRIPTION	REQUIREMENT
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	6 MINUTES MAXIMUM

TopLine®

TITLE TSSOP8 - DC28
ZERO OHM JUMPER

SCALE NONE	SIZE A	DRAWING NO. 120828	REV A
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DO NOT SCALE DRAWING

SHEET 8 OF 8