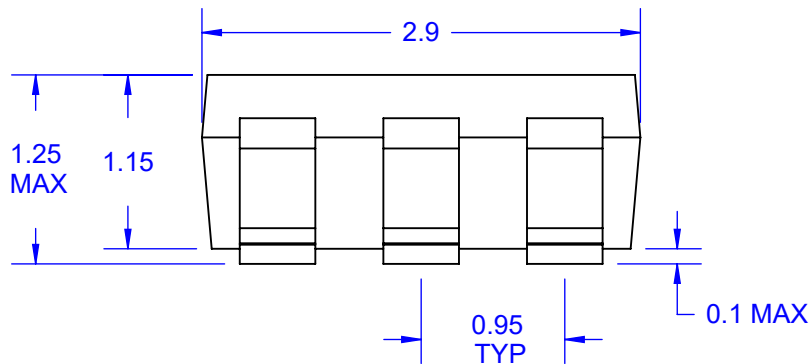
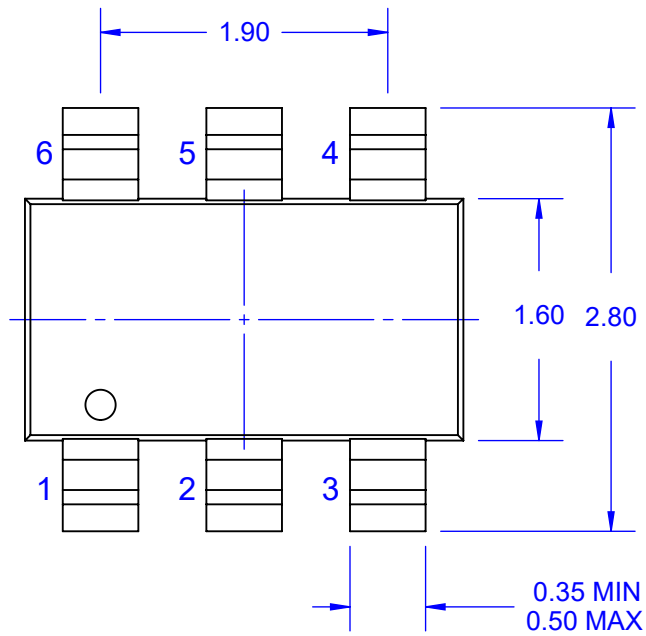
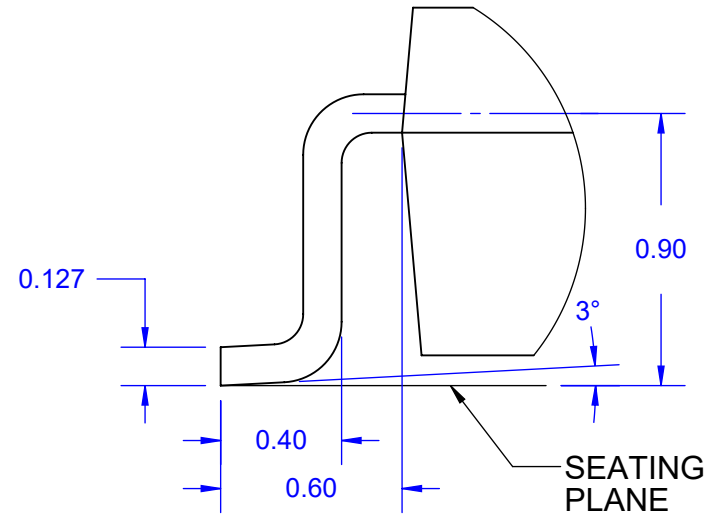


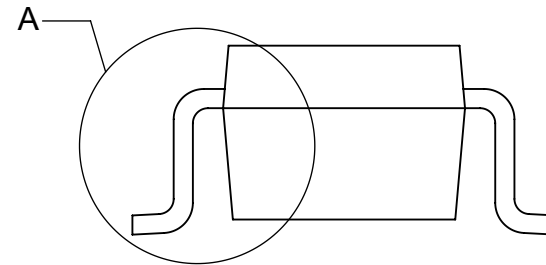
TOP VIEW



DETAIL A SCALE 40 : 1



END VIEW

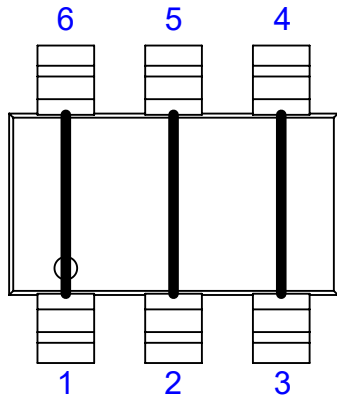


Notes: (Unless Otherwise Specified).

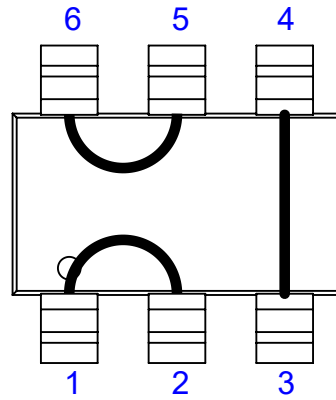
- 1) DIMENSIONS IN mm.
- 2) SEE DAISY CHAIN JUMPER DIAGRAMS (PAGE 2).
- 3) SEE PART NUMBER CONFIGURATION (PAGE 4).
- 4) RECOMMENDED PC BOARD LAYOUT PATTERN (PAGE 7).

APPROVALS		DATE	TopLine®			
DRAWN	T.Au	09/24/2015				
ENG	M. Hart	09/24/2015	TITLE SOT26 JUMPER DAISY CHAIN			
MFG			SCALE 20:1	SIZE A	DRAWING NO. 120026	REV A
QA						
CUST			DO NOT SCALE DRAWING		SHEET 1 OF 6	
REVISED						

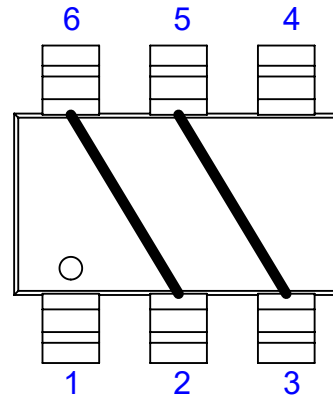
INTERNAL WIRING CIRCUIT (JUMPER)
DAISY CHAIN PART NUMBER SUFFIX
TOP VIEW



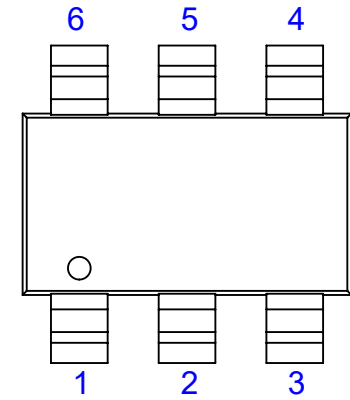
DC16
3-WIRE



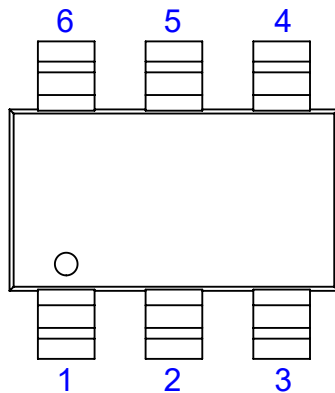
DC17
3-WIRE



DC2635
2-WIRE

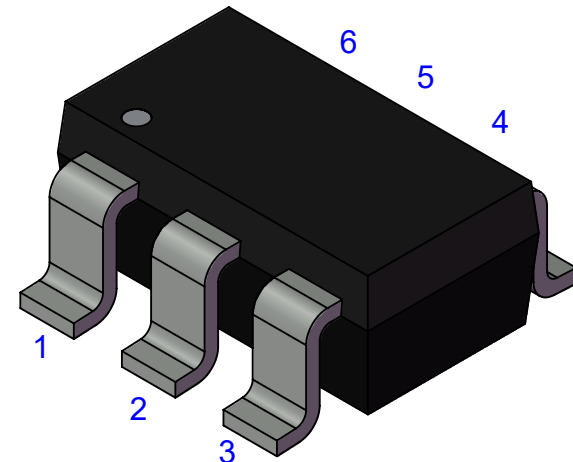


ISO
NO WIRE
FULLY ISOLATED



APPLICATION SPECIFIC PIN OUT.
PER CUSTOMER REQUIREMENT.

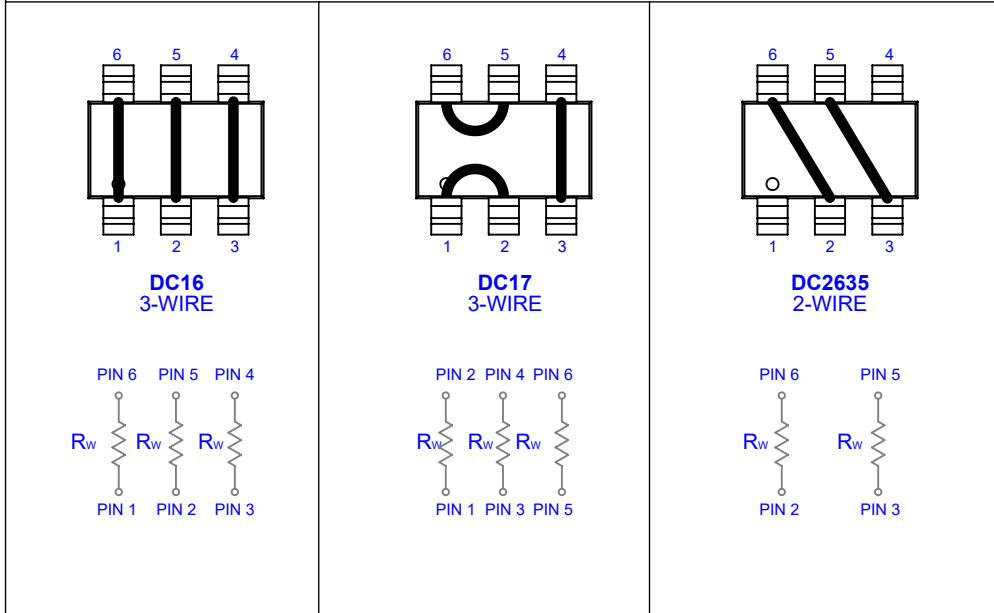
APPLICATION SPECIFIC	
PIN FROM	PIN TO



SOT26 PACKAGE

TopLine®			
TITLE		SOT26 JUMPER DAISY CHAIN	
SCALE	SIZE	DRAWING NO.	REV
20:1	A	120026	A
DO NOT SCALE DRAWING			SHEET 2 OF 6

SCHEMATIC EQUIVALENT INTERNAL CIRCUIT



R_w = GOLD WIRE-BOND.

TEMPERATURE RATING	
JUNCTION TEMP T_J	150°C
STORAGE TEMP T_{stg}	-65°C TO 150°C
PEAK REFLOW TEMP T_{reflow} 10 SECONDS	260°C

THERMAL RESISTANCE	
JUNCTION TO AMBIENT ($T_a=25^\circ$) $R_{th(j-a)}$	350K/W

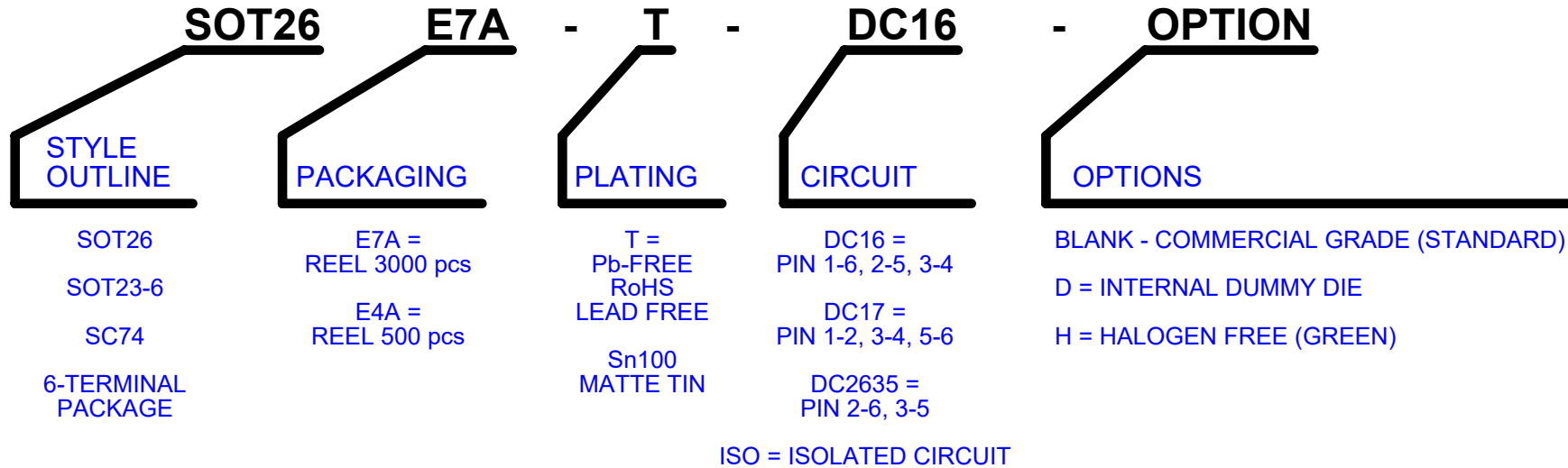
ELECTRICAL RESISTANCE MILIOHM (DC) MAX							
CIRCUIT	PIN 1 TO 2	PIN 3 TO 4	PIN 5 TO 6	PIN 1 TO 6	PIN 2 TO 5	PIN 2 TO 6	PIN 3 TO 5
DC16	--	50 mΩ	--	50 mΩ	50 mΩ	--	--
DC17	50 mΩ	50 mΩ	50 mΩ	--	--	--	--
DC2635	50 mΩ	50 mΩ	50 mΩ	50 mΩ	150 mΩ	50 mΩ	50 mΩ

MAXIMUM ELECTRICAL (DC) RATING	
WORKING VOLTAGE	100V
CURRENT RATING	150mA
POWER @ 25°C	200mW

TopLine®

TITLE				SOT26 JUMPER DAISY CHAIN			
SCALE	SIZE	DRAWING NO.		REV			
8:1	A	120026		A			
DO NOT SCALE DRAWING						SHEET 3 OF 6	

PART NUMBERING SYSTEM



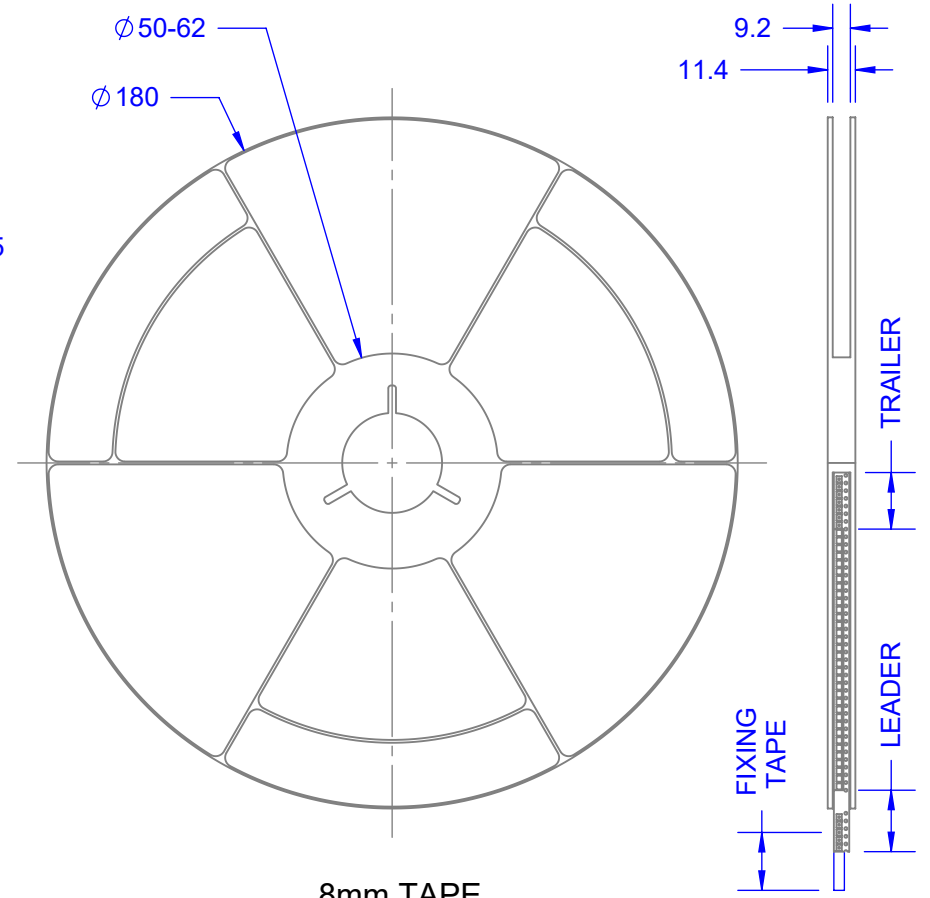
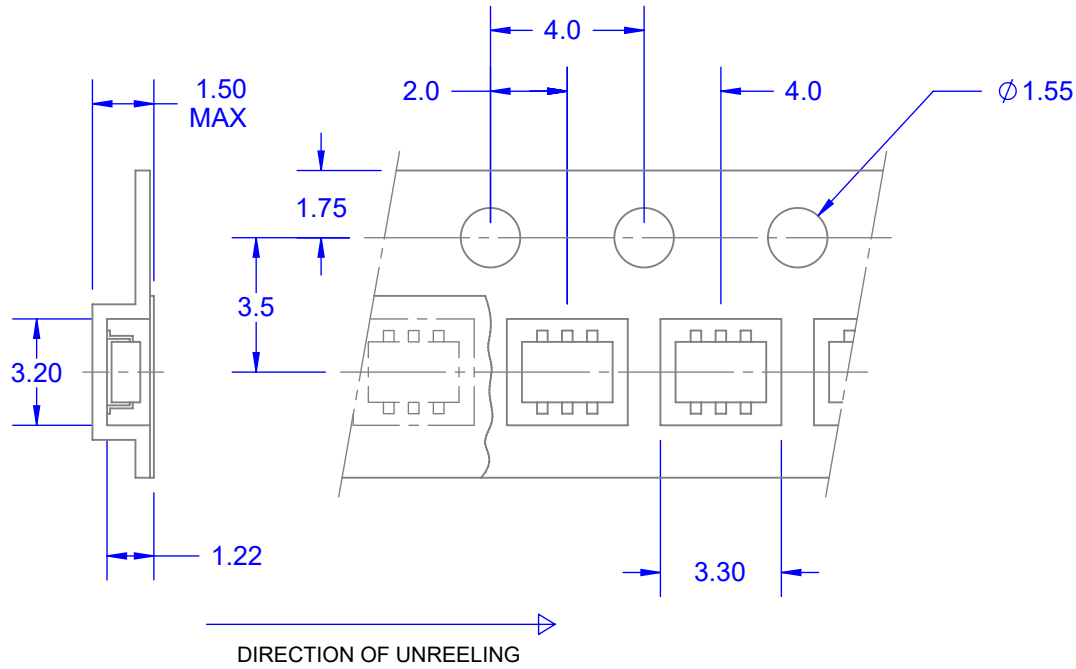
PART NUMBER	SHORTED PINS	NOTES	RoHS Pb-FREE	MSL LEVEL	HALOGEN FREE	GRADE	TOP MARK
SOT26E7A-T	N/A	DUMMY	YES	3	NO	COMMERCIAL	N/A
SOT26E7A-T-ISO	NONE	FULLY ISOLATED	YES	3	NO	COMMERCIAL	ISO
SOT26E7A-T-DC16D	1-6, 2-5, 3-4	3-WIRE	YES	3	NO	COMMERCIAL	D16
SOT26E7A-T-DC17D	1-2, 3-4, 5-6	3-WIRE	YES	3	NO	COMMERCIAL	D17
SOT26E7A-T-DC2635	2-6, 3-5	2-WIRES	YES	3	NO	COMMERCIAL	26
SOT26E7A-T-DC16H	1-6, 2-5, 3-4	3-WIRE	YES	1	YES	COMMERCIAL	16H
SOT26E7A-T-DC17H	1-2, 3-4, 5-6	3-WIRE	YES	1	YES	COMMERCIAL	17H
SOT26E7A-T-DC2635-H	ALL	2-WIRES	YES	1	YES	COMMERCIAL	26H

NOTES: ADD "D" TO END OF PART NUMBER FOR DUMMY SILICON DIE.
N/A = NOT DEFINED

TopLine[®]			
TITLE		SOT26 JUMPER DAISY CHAIN	
SCALE	SIZE	DRAWING NO.	REV
25:1	A	120026	A
DO NOT SCALE DRAWING			SHEET 4 OF 6

TAPE SPECIFICATION FOR SOT26 (SC74) SURFACE MOUNT DEVICE

PACKAGE REEL




8mm TAPE
SIZE OF REEL
180mm (7")
3,000 PCS

ALL DIMENSIONS IN mm

TopLine®			
TITLE		SOT26 JUMPER DAISY CHAIN	
SCALE	SIZE	DRAWING NO.	REV
1:1	A	120026	A
DO NOT SCALE DRAWING			SHEET 5 OF 6

**MATERIALS CONTENT DECLARATION FORM
SOT26 (SC74) PACKAGE**

SOT26 (SC74) PACKAGE Pb-FREE RoHS					
1 PC WT: 16.21 mg					
COMPOSITION BREAKDOWN	M.U.M. (MAKE UP OF MATERIALS)	CHEMICAL COMPOSITION	CAS NO	MASS %	SUBSTANCE WEIGHT (IN mg)
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)	GOLD	GOLD (Au)	7440-57-5	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	100.0	1.20

			
TITLE		SOT26 JUMPER DAISY CHAIN	
SCALE	SIZE	DRAWING NO.	REV
1:1	A	120026	A
DO NOT SCALE DRAWING			SHEET 6 OF 6