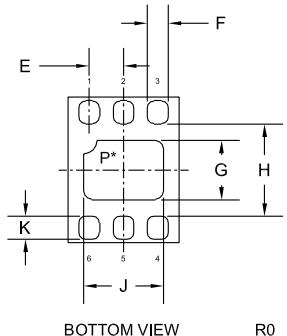
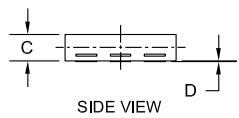
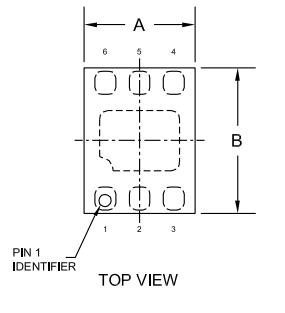


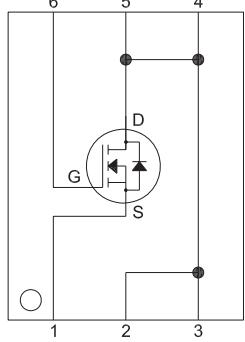
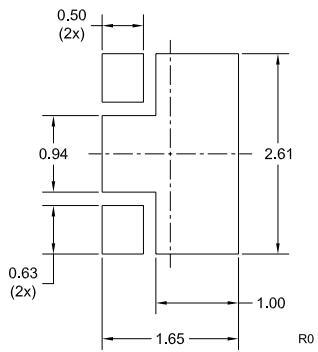
ELECTRICAL CHARACTERISTICS - Continued: ($T_A=25^\circ\text{C}$ unless otherwise noted)

SYMBOL	TEST CONDITIONS	MIN	MAX	UNITS
$r_{DS(ON)}$	$V_{GS}=10\text{V}, I_D=500\text{mA}$		2.0	Ω
$r_{DS(ON)}$	$V_{GS}=10\text{V}, I_D=500\text{mA}, T_J=125^\circ\text{C}$		3.5	Ω
$r_{DS(ON)}$	$V_{GS}=5.0\text{V}, I_D=50\text{mA}$		3.0	Ω
$r_{DS(ON)}$	$V_{GS}=5.0\text{V}, I_D=50\text{mA}, T_J=125^\circ\text{C}$		5.0	Ω
g_{FS}	$V_{DS}\geq 2V_{DS(ON)}, I_D=200\text{mA}$	80		mS
C_{rss}	$V_{DS}=25\text{V}, V_{GS}=0, f=1.0\text{MHz}$		5.0	pF
C_{iss}	$V_{DS}=25\text{V}, V_{GS}=0, f=1.0\text{MHz}$		50	pF
C_{oss}	$V_{DS}=25\text{V}, V_{GS}=0, f=1.0\text{MHz}$		15	pF
t_{on}	$V_{DD}=30\text{V}, V_{GS}=10\text{V}, I_D=200\text{mA}$	20		ns
t_{off}	$R_G=25\Omega, R_L=150\Omega$		20	ns

TLM621H CASE - MECHANICAL OUTLINE


SYMBOL	DIMENSIONS		MILLIMETERS		
	INCHES	MIN	MAX	MIN	MAX
A	0.053	0.065	1.35	1.65	
B	0.073	0.085	1.85	2.15	
C	0.012	0.016	0.30	0.40	
D	0.000	0.002	0.00	0.05	
E	0.020		0.50		
F	0.008	0.012	0.20	0.30	
G	0.027	0.035	0.69	0.89	
H	0.053	0.057	1.35	1.45	
J	0.039	0.047	0.99	1.19	
K	0.011	0.015	0.28	0.38	

TLM621H (REV:R0)

PIN CONFIGURATION

OPTIONAL MOUNTING PADS
(Dimensions in mm)


For standard mounting refer to TLM621H Package Details

LEAD CODE:

- 1) SOURCE
- 2) DRAIN
- 3) DRAIN
- 4) DRAIN
- 5) DRAIN
- 6) GATE

MARKING CODE: CND