

Features

	V_{(BR)DSS}	R_{DS(on)MAX}	I_D
Q ₁	25V	270mΩ@ 4.5V	0.8 A
		320mΩ@ 2.5V	
		800mΩ@1.8V	
Q ₂	-25V	520mΩ@-4.5V	-0.8 A
		700mΩ@-2.5V	
		950mΩ(TYP)@-1.8V	

- ESD Protected

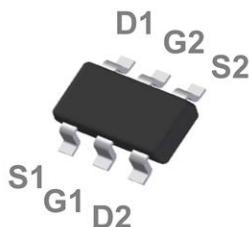
Application

- Notebook
- Load Switch
- Networking
- Hand-held Instruments

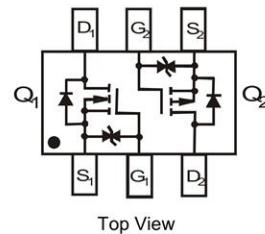
Package and Pin Configuration

Circuit diagram

SOT363



Marking: **TCP**
TW=Par Number
P =TECH PUBLIC LOGO



Absolute Maximum Ratings T_c=25°C unless otherwise noted

Parameter	Symbol	Value	Unit
N-MOSFET			
Drain-Source Voltage	V _{DS}	25	V
Typical Gate-Source Voltage	V _{GS}	±12	V
Continuous Drain Current (note 1)	I _D	0.8	A
Pulsed Drain Current (tp=10us)	I _{DM}	1.3	A
P-MOSFET			
Drain-Source Voltage	V _{DS}	-25	V
Typical Gate-Source Voltage	V _{GS}	±12	V
Continuous Drain Current (note 1)	I _D	-0.8	A
Pulsed Drain Current (tp=10us)	I _{DM}	-1.3	A
Temperature and Thermal Resistance			
Thermal Resistance from Junction to Ambient (note 1)	R _{θJA}	650	°C/W
Junction Temperature	T _J	150	°C
Storage Temperature	T _{STG}	-55~+150	°C
Lead Temperature for Soldering Purposes(1/8" from case for 10 s)	T _L	260	°C



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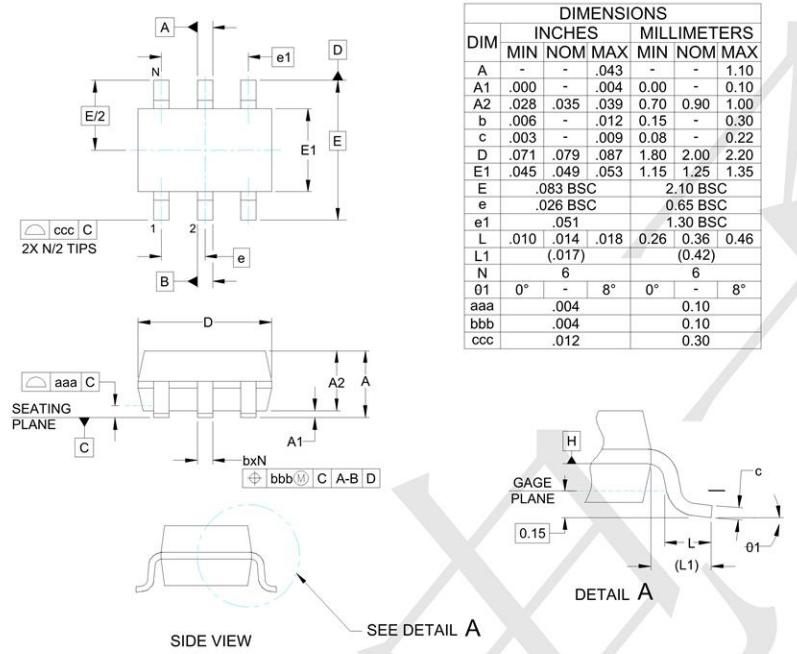
台舟电子

TPM4105EC6-1

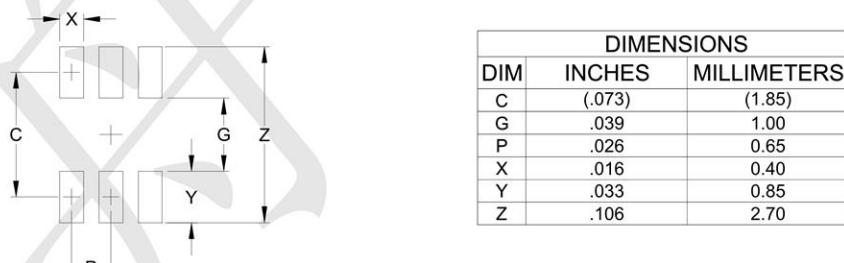
20V N-Channel + P-Channel Enhancement Mode MOSFET

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Outline Drawing - SOT-363(2.0X2.1)



Land Pattern - SOT-363





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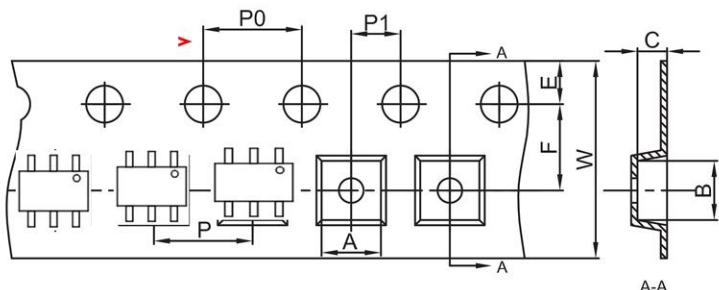
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TPM4105EC6-1

20V N-Channel + P-Channel Enhancement Mode MOSFET

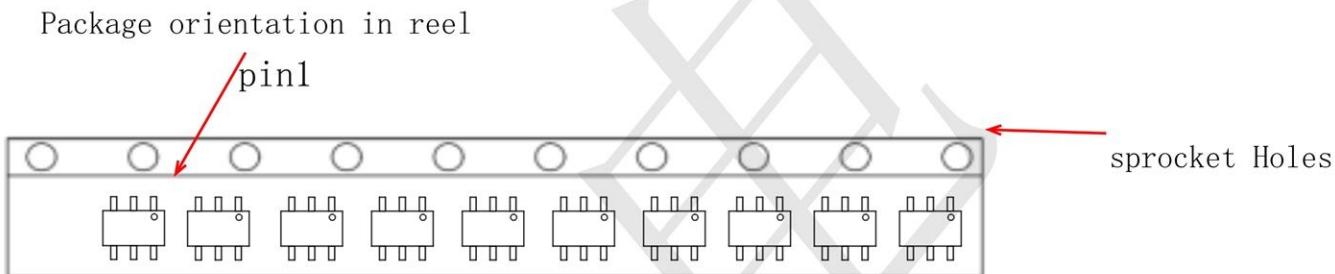
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SOT-363 Embossed Carrier Tape



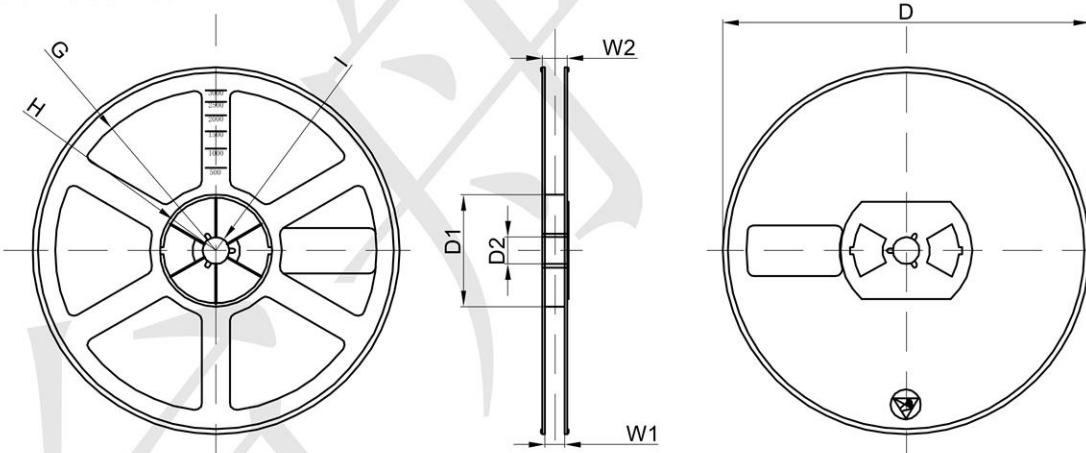
Dimensions are in millimeter										
Pkg type	A	B	C	d	E	F	P0	P	P1	W
SOT-363	2.25	2.55	1.20	Ø1.50	1.75	3.50	4.00	4.00	2.00	8.00

SOT-363 Tape Leader and Trailer



Shipping: 3000pcs / Tape & Reel

SOT-363 Reel



Dimensions are in millimeter								
Reel Option	D	D1	D2	G	H	I	W1	W2
7" Dia	Ø178.00	54.40	13.00	R78.00	R25.60	R6.50	9.50	12.30

REEL	Reel Size	Box	Box Size(mm)	Carton	Carton Size(mm)	G.W.(kg)
3000 pcs	7 inch	45,000 pcs	203×203×195	180,000 pcs	438×438×220	

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[2SK2267\(Q\)](#) [2SK2545\(Q,T\)](#) [405094E](#) [423220D](#) [MIC4420CM-TR](#) [VN1206L](#) [614234A](#) [715780A](#) [SSM6J414TU,LF\(T](#) [751625C](#)
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