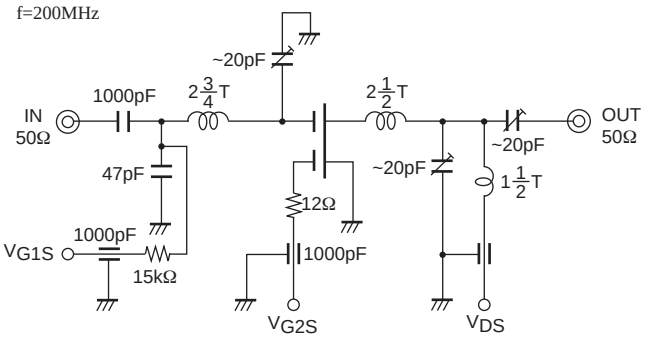
Electrical Characteristics at Ta=25°C

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Drain-to-Source Voltage	V_{DS}	V_{G1S}=0V, V_{G2S}=0V, I_D=100μA	15			V
Gate1-to-Source Cutoff Voltage	V_{G1S}(off)	V_{DS}=6V, V_{G2S}=4V, I_D=100μA	0	0.7	1.3	V
Gate2-to-Source Cutoff Voltage	V_{G2S}(off)	V_{DS}=6V, V_{G1S}=3V, I_D=100μA	0.1	0.9	1.6	V
Gate1-to-Source Leakage Current	I_{G1SS}	V_{G1S}=±6V, V_{G2S}=V_{DS}=0V			±50	nA
Gate2-to-Source Leakage Current	I_{G2SS}	V_{G2S}=±6V, V_{G1S}=V_{DS}=0V			±50	nA
Zero-Gate Voltage Drain Current	I_{DSX}	V_{DS}=6V, V_{G1S}=1.5V, V_{G2S}=4V	2.5*		24*	mA
Forward Transfer Admittance	| yfs |	V_{DS}=6V, I_D=10mA, V_{G2S}=4V, f=1kHz		14		mS
Input Capacitance	Ciss	V_{DS}=6V, f=1MHz, V_{G1S}=0V, V_{G2S}=4V		2.7		pF
Reverse Transfer Capacitance	Crss			0.015	0.03	pF
Power Gain	PG	V_{DS}=6V, I_D=10mA, V_{G2S}=4V, f=200MHz	18	21		dB
Noise Figure	NF	V_{DS}=6V, I_D=10mA, V_{G2S}=4V, f=200MHz		1.1	2.2	dB

* : The 3SK263 is classified by I_{DSX} as follows : (unit : mA)

Rank	4	5	6
I_{DSX}	2.5 to 6.0	5.0 to 12.0	10.0 to 24.0

PG, NF Specified Test Circuit



L : 1mmØ enamel wire 10mmØ

Ordering Information

Device	Package	Shipping	memo
3SK263-5-TG-E	CP4	3,000pcs./reel	Pb Free

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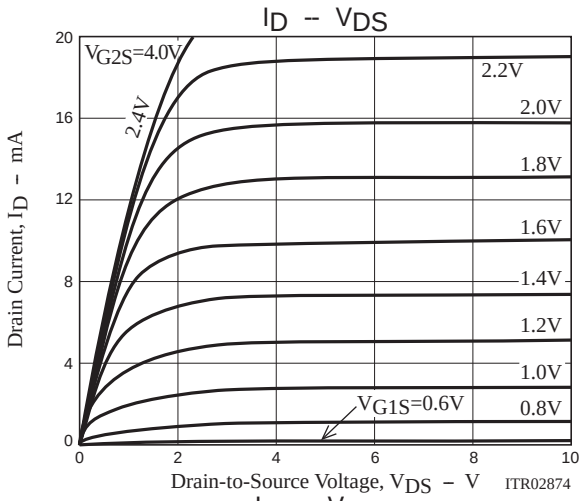

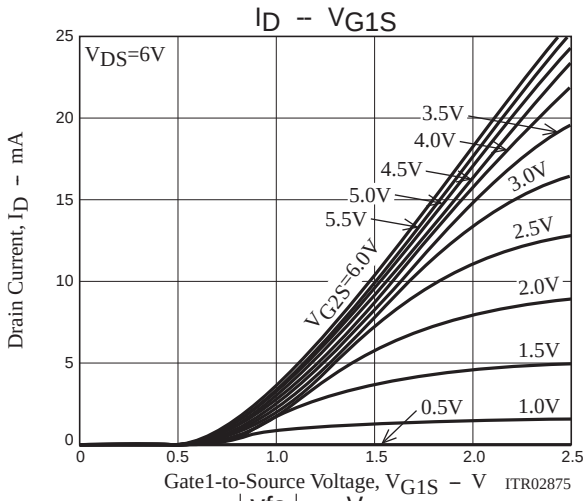

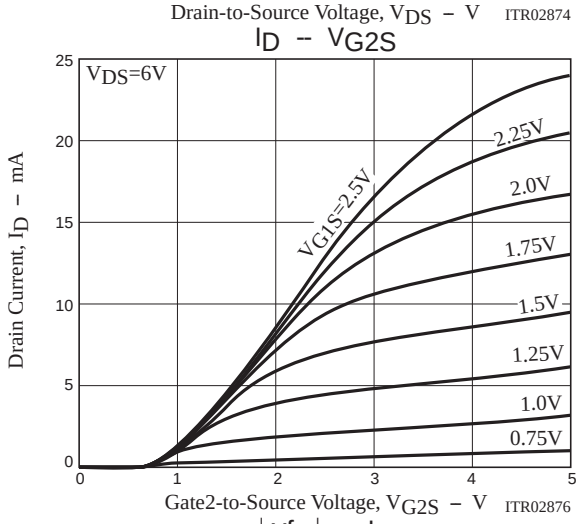

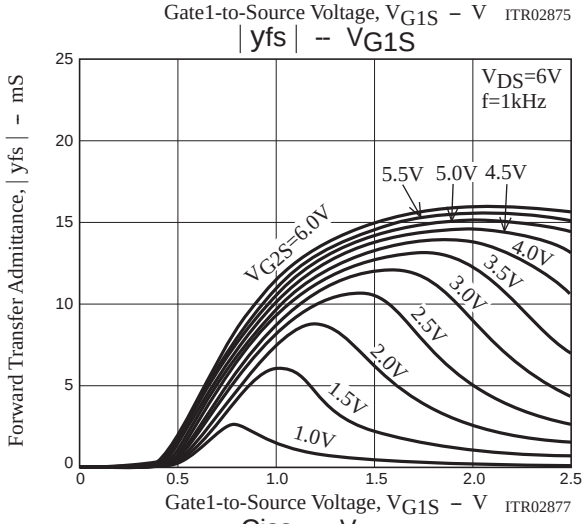

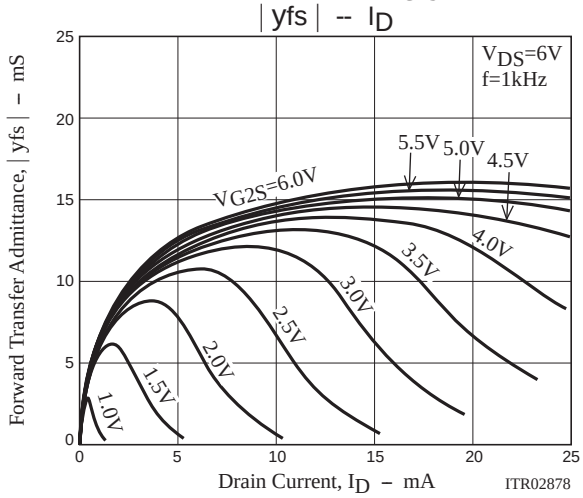

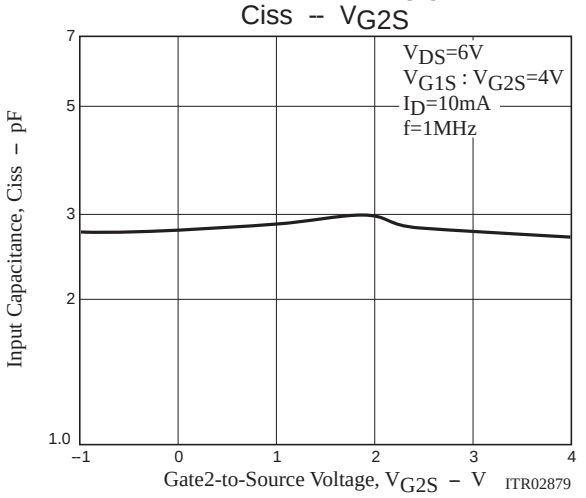

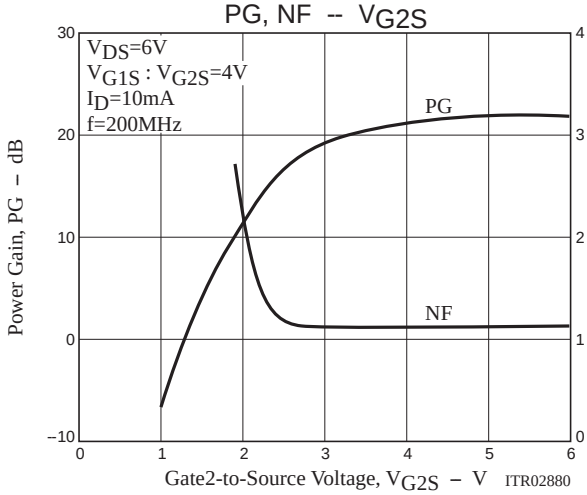

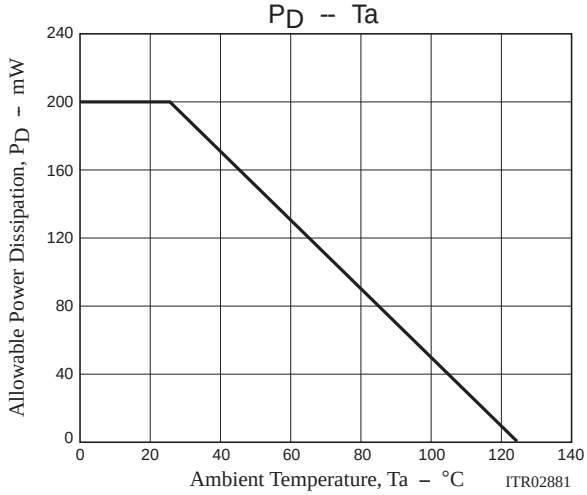

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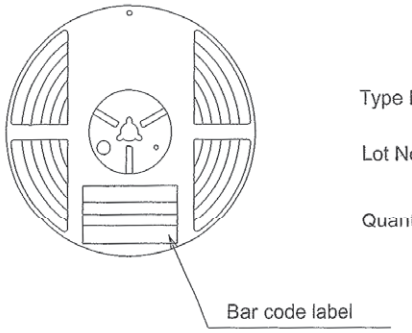
Embossed Taping Specification

3SK263-5-TG-E

Storage package Outline name	Carrier tape Type number	Maximum Number of devices contained (pcs.)			Packing format	
		Reel	Inner box	Outer box	Inner box BOX (C-1)	Outer box BOX (A-7)
CP4	CP4	3,000	15,000	90,000	5 reels contained Dimensions:mm(external) 183×72×185	6 inner boxes contained Dimensions:mm(external) 440×195×210

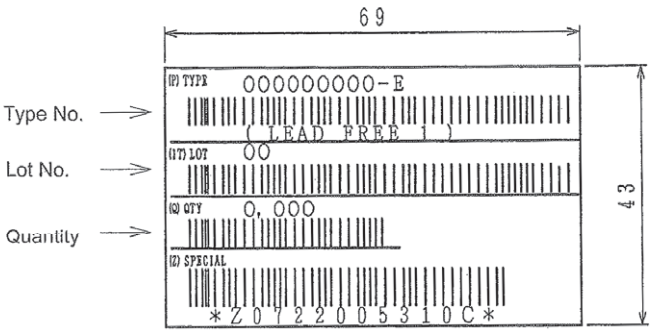
1. Packing format

Packing method



Bar code label (Example)

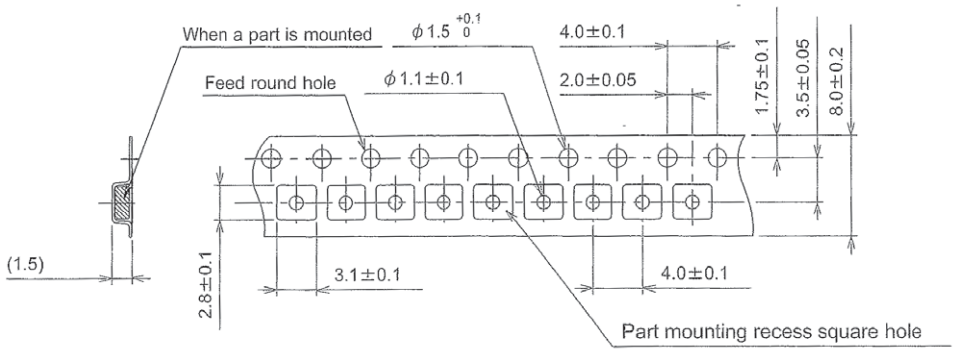
(Unit : mm)



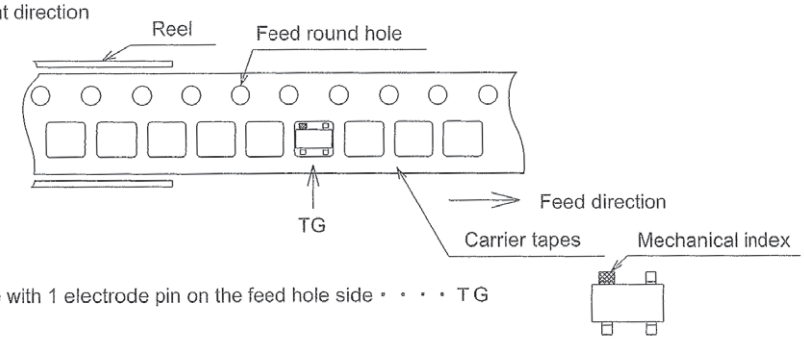
*LEAD FREE 1:
Lead-free External terminal surface treatment product.

2. Taping structure

2—1. Carrier tape size (Unit : mm)



2—2. Parts placement direction



Those with 1 electrode pin on the feed hole side ・・・・TG

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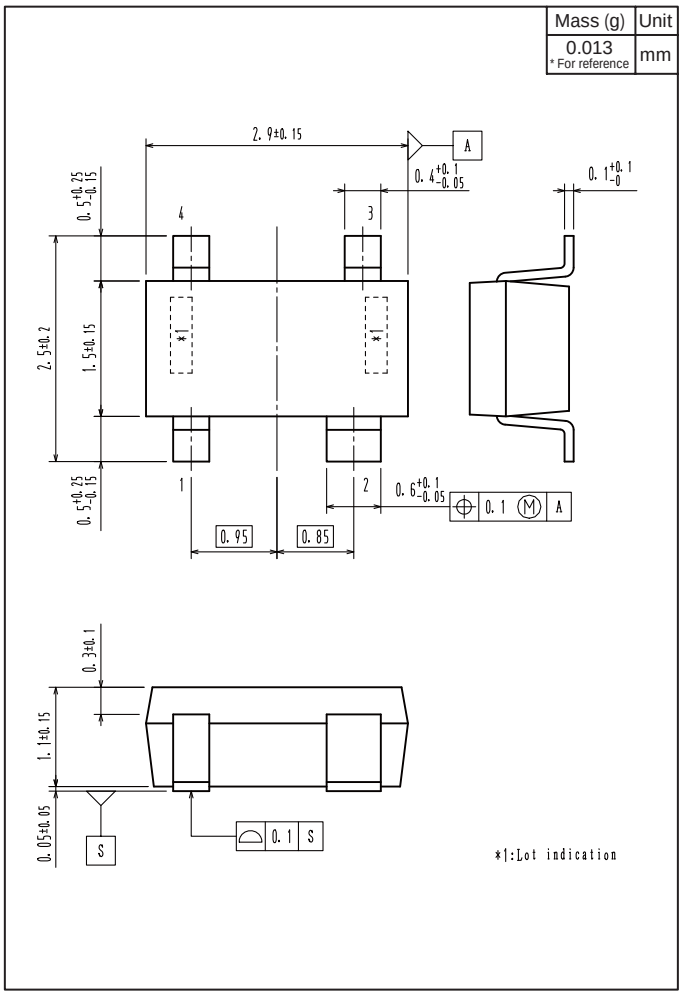
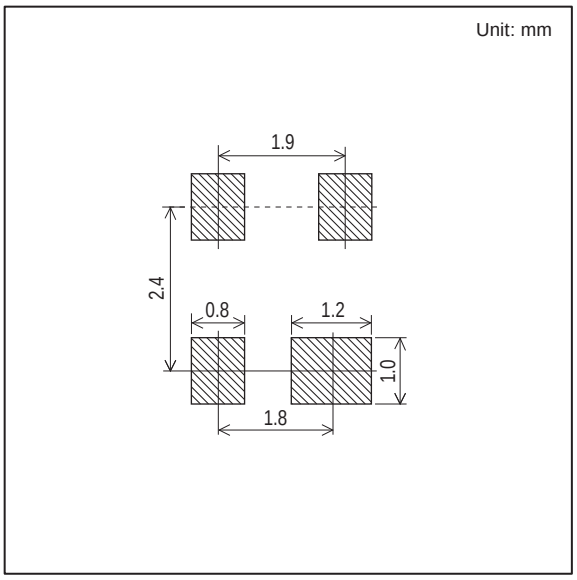
Outline Drawing

3SK263-5-TG-E



Land Pattern Example



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