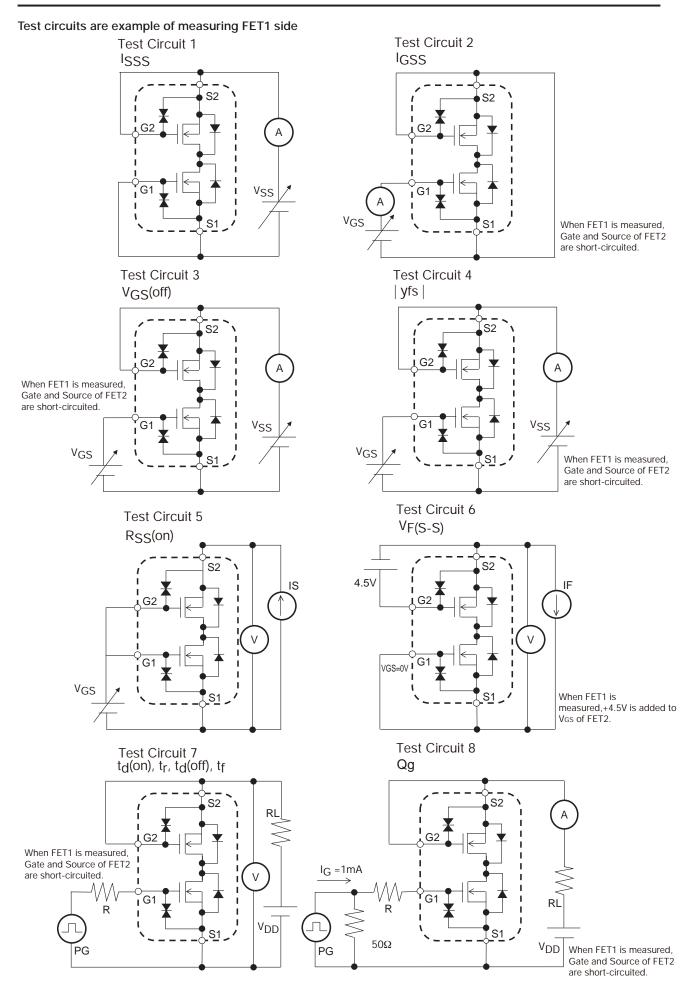
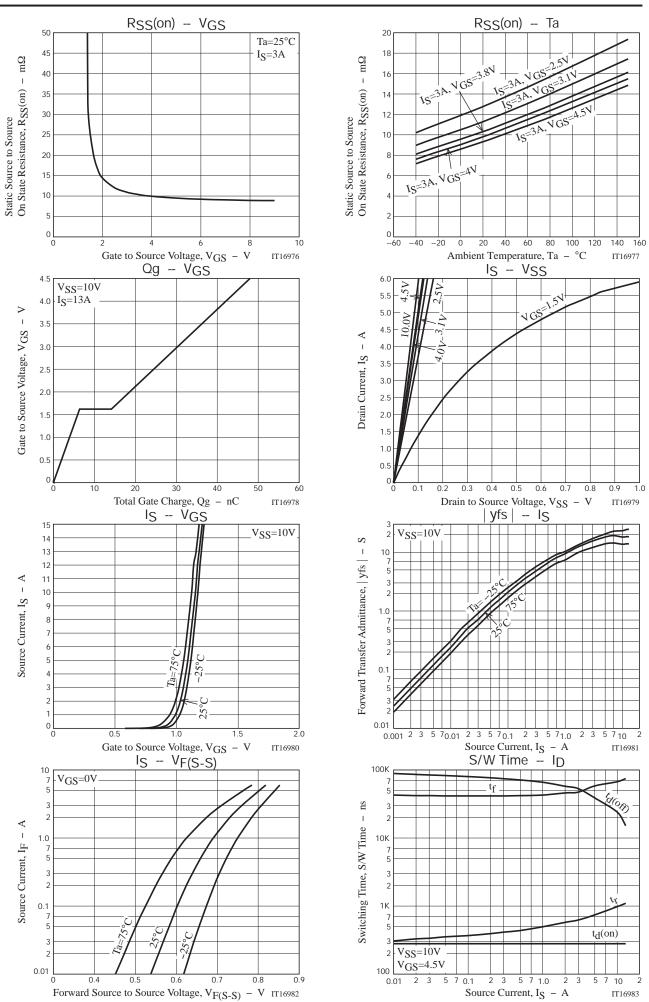
Electrical Characteristics at Ta=25°C

Devente	Symbol	Conditions		Ratings			1.1
Parameter				min	typ	max	Unit
Source-to-Source Breakdown Voltage	V(BR)SSS	IS=1mA, VGS=0V	Test Circuit 1	24			V
Zero-Gate Voltage Source Current	ISSS	VSS=20V, VGS=0V	Test Circuit 1			1	μΑ
Gate-to-Source Leakage Current	IGSS	VGS=±8V, VSS=0V	Test Circuit 2			±1	μΑ
Cutoff Voltage	VGS(off)	V _{SS} =10V, I _S =1mA	Test Circuit 3	0.5		1.3	V
Forward Transfer Admittance	yfs	VSS=10V, IS=3A	Test Circuit 4		15.5		S
Static Source-to-Source On-State Resistance	R _{SS} (on)1	IS=3A, VGS=4.5V	Test Circuit 5	6.6	9.5	11.5	mΩ
	R _{SS} (on)2	IS=3A, VGS=4.0V	Test Circuit 5	7.0	10	12	mΩ
	R _{SS} (on)3	IS=3A, VGS=3.8V	Test Circuit 5	7.3	10.5	13	mΩ
	RSS(on)4	IS=3A, VGS=3.1V	Test Circuit 5	8.0	11.5	15	mΩ
	RSS(on)5	IS=3A, VGS=2.5V	Test Circuit 5	9.0	13	17	mΩ
Turn-ON Delay Time	t _d (on)		Test Circuit 7		280		ns
Rise Time	tr				630		ns
Turn-OFF Delay Time	t _d (off)	V _{DD} =10V, V _{GS} =4.5V, I _S =3A			53000		ns
Fall Time	tf	1			47000		ns
Total Gate Charge	Qg	V _{DD} =10V, V _{GS} =4.5V, I _S =13A Test Circuit 8			48		nC
Forward Source-to-Source Voltage	V _{F(S-S)}	IS=3A, VGS=0V	Test Circuit 6		0.76	1.2	V

Ordering Information

Device	Package	Shipping	memo
EFC6601R-TR	EFCP	5,000pcs./reel	Pb Free and Halogen Free





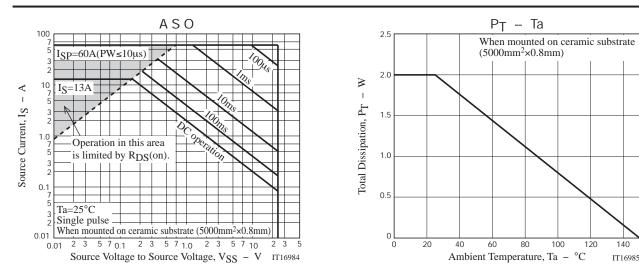
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100

120

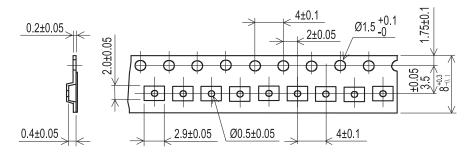
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IT16985

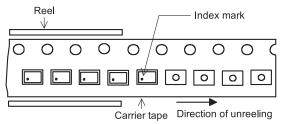


Taping Specification EFC6601R-TR

- 1. Taping Configuration
 - 1-1 .Carrier Tape Size (unit:mm)

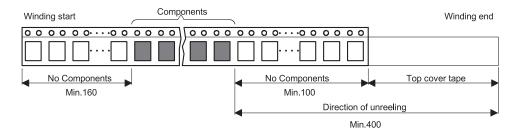


1-2 .Device Placement Direction

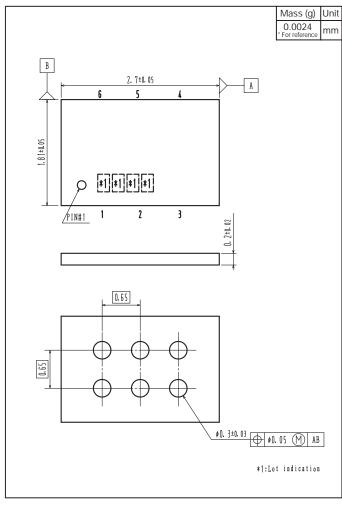


Packing type ····· TR

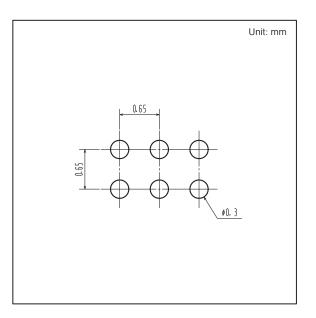
1-3 .Leader portion and Trailer portion (unit:mm)



Outline Drawing EFC6601R-TR



Land Pattern Example



Note on usage : Since the EFC6601R is a MOSFET product, please avoid using this device in the vicinity of highly charged objects.

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