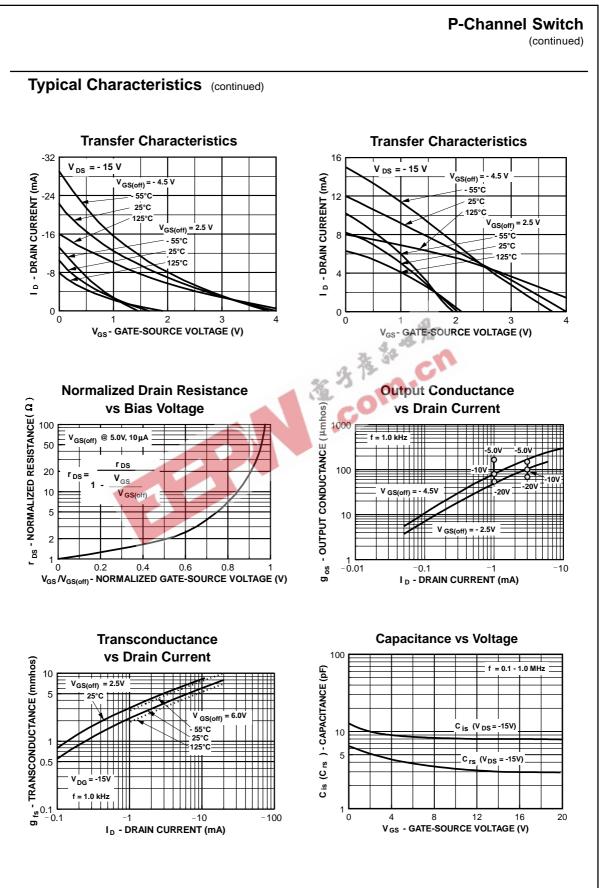


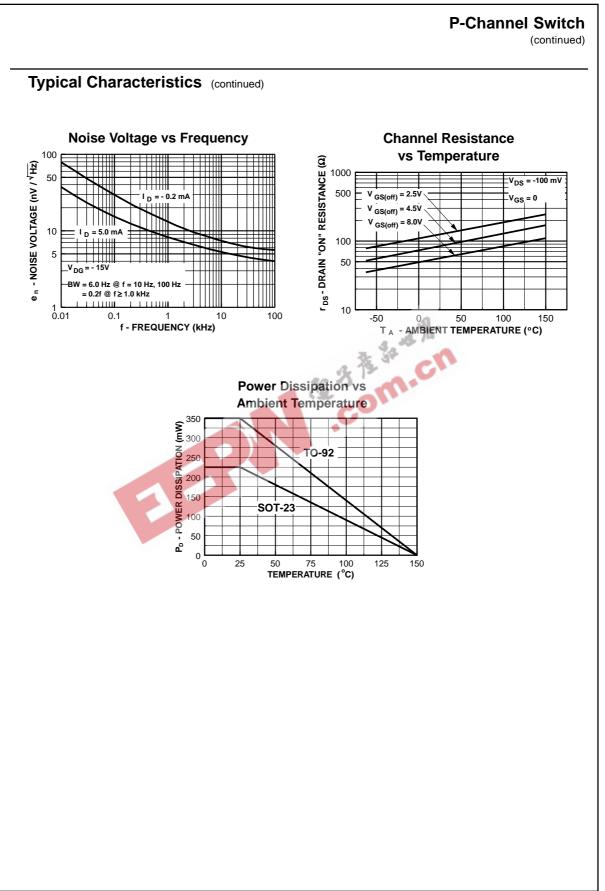
J174 / J175 / J176 / J177 / MMBFJ175 / 176 / 177

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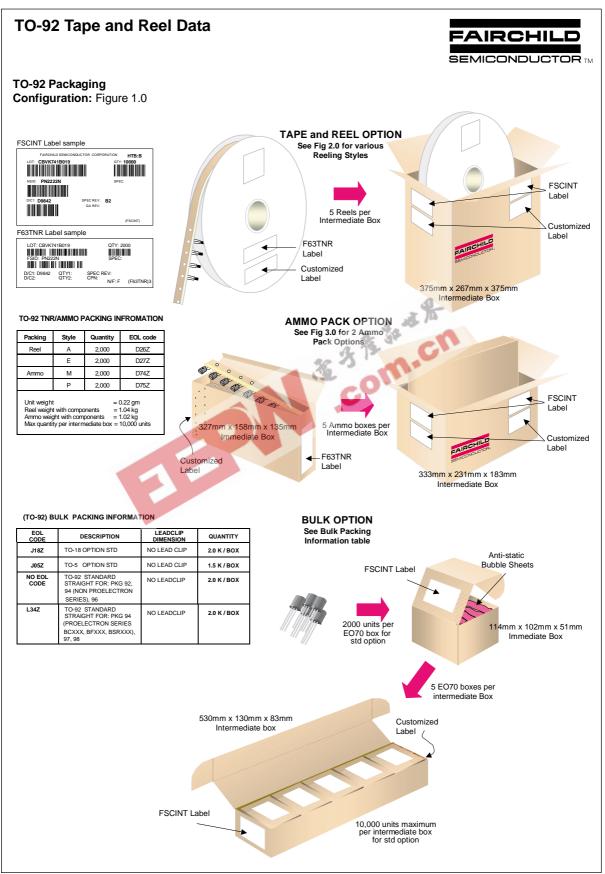
			P-Ch		Switch continued
Electri Symbol	cal Characteristics TA=2 Parameter	5°C unless otherwise noted	Min	Мах	Units
Symbol	i didinetei		IVIIII	WIAX	Onits
OFF CHAR	RACTERISTICS				
B <sub>(BR)GSS</sub>	Gate-Source Breakdown Voltage	$I_{G} = 1.0 \ \mu A, V_{DS} = 0$	30		V
GSS	Gate Reverse Current	$V_{GS} = 20 \text{ V}, V_{DS} = 0$		1.0	nA
V <sub>GS(off)</sub>	Gate-Source Cutoff Voltage	V <sub>DS</sub> = - 15 V, I <sub>D</sub> = - 10 nA 174 175 176 177	3.0 1.0	10 6.0 4.0 2.5	V V V V
ON CHAR/	ACTERISTICS				
I <sub>DSS</sub>	Zero-Gate Voltage Drain Current*	V <sub>DS</sub> = - 15 V, I <sub>GS</sub> = 0 174 175 176	- 7.0	- 100 - 60 - 25	mA mA mA
r <sub>DS(on)</sub>	Drain-Source On Resistance	$\frac{177}{V_{DS} \le 0.1 \text{ V}, \text{ V}_{GS} = 0}$	- 1.5	- 20 85 125	mA Ω
		3 3 177		250 300	Ω Ω Ω
Туріса	I Characteristics	_			
00	Common Drain-Source	Parameter	Interactio	ons	
5-16	$T_{A} = 25^{\circ}C$ $TYP  V_{GS(off)} = 4.5 \text{ V}$ $0.5 \text{ V}$ $GS = 0 \text{ V}$ $1.0 \text{ V}$ $2.5 \text{ V}$ $2.5 \text{ V}$ $3.0 \text{ V}$ $3.5 \text{ V}$ $-1$ $-2$ $-3$ $-4$ $V_{DS} - DRAIN-SOURCE VOLTAGE (V)$	-5 (so 100 50 10 50 10 50 10 50 10 50 10 50 10 50 50 50 10 50 50 50 10 50 50 50 50 50 50 50 50 50 50 50 50 50	Ibss., gfs @ Vos V cs= 0 PULSED -ros @ -100 mV, V V cs(or)@ Vos I p = -1.0 μA	GS = 0 - 15V,	1,000 g - DRAIN "ON" RESISTANCE (Ω)



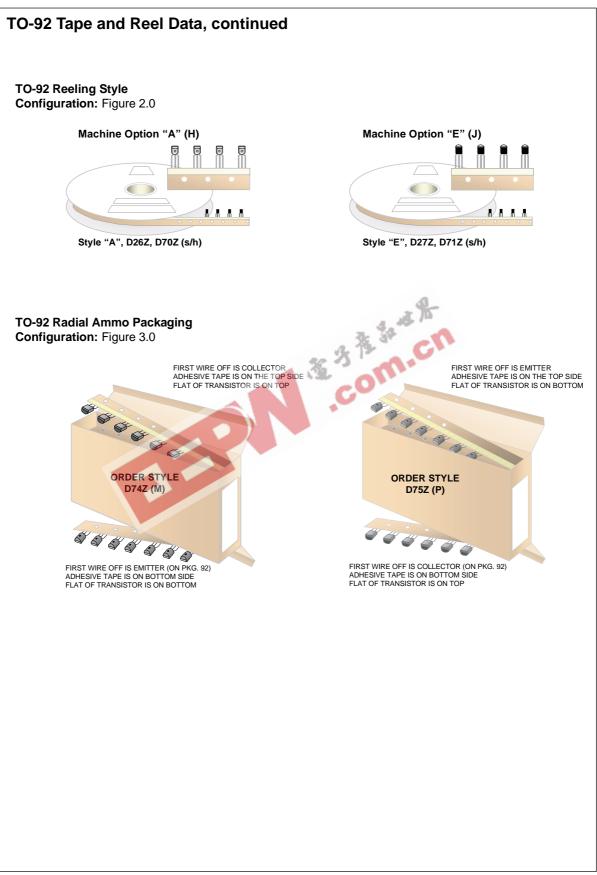
J174 / J175 / J176 / J177 / MMBFJ175 / 176 / 177

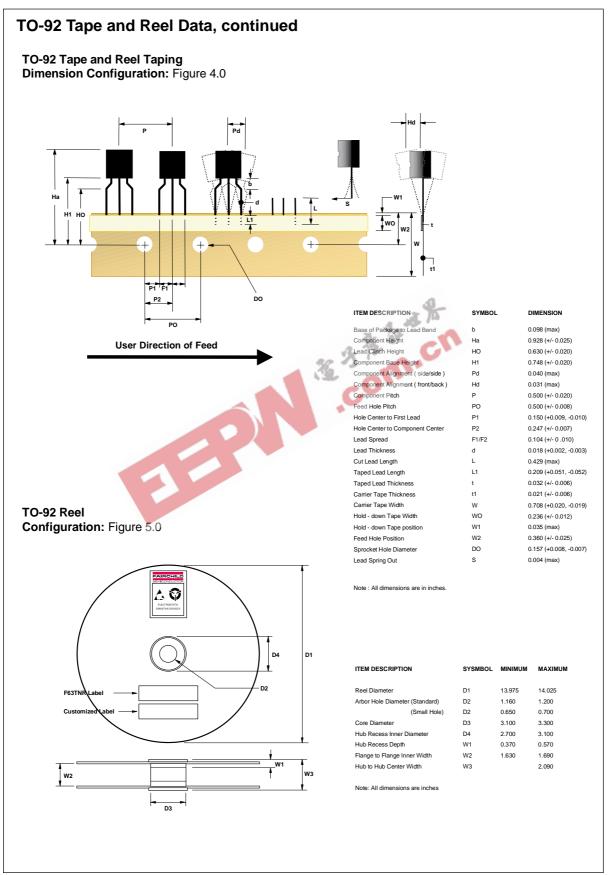


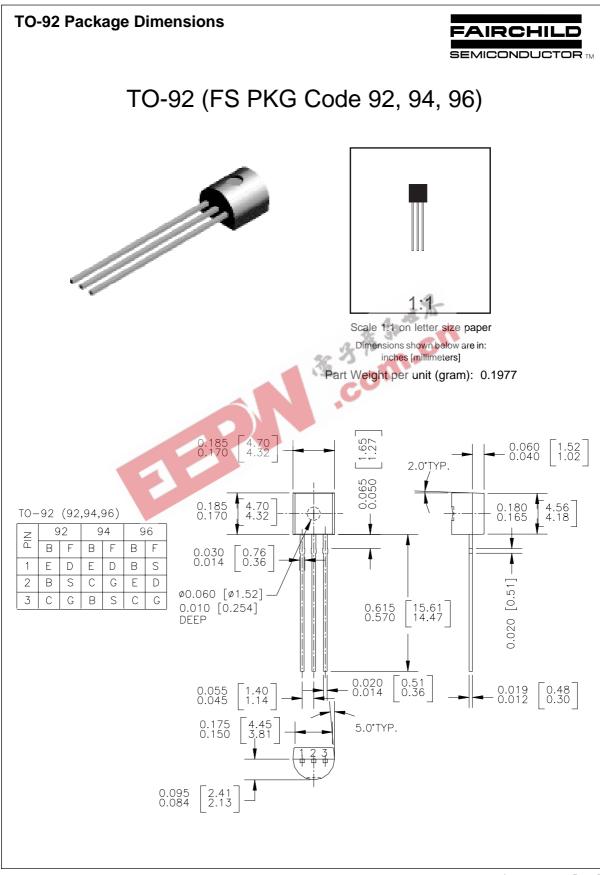
J174 / J175 / J176 / J177 / MMBFJ175 / 176 / 177

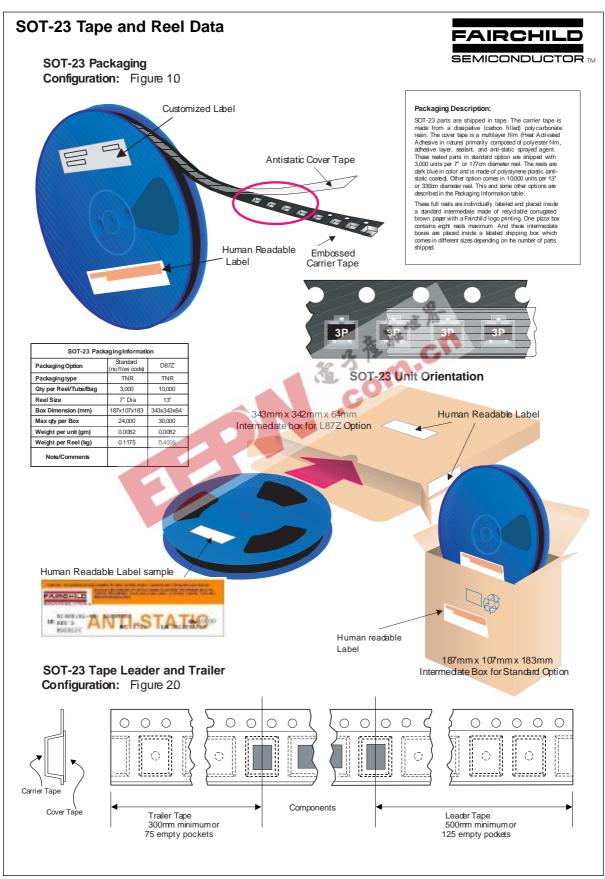


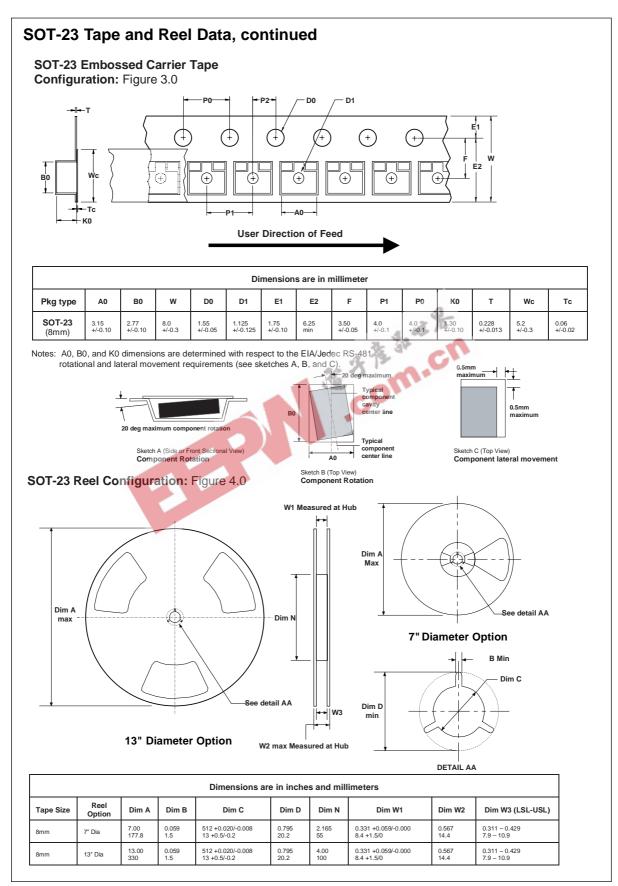
March 2001, Rev. B1



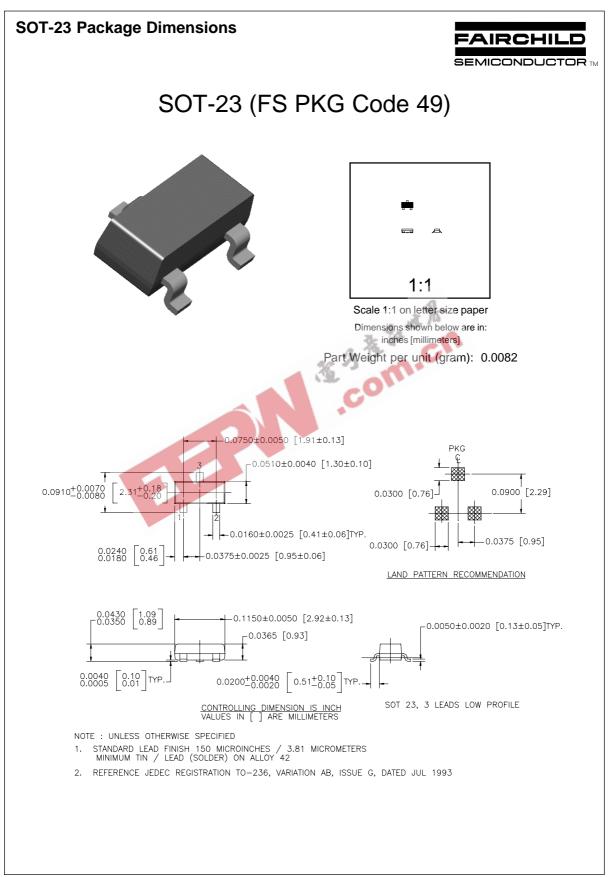








September 1999, Rev. C



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# **PRODUCT STATUS DEFINITIONS**

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