



Features

- $R_{DS(on)}$ — Ω
- $r_{DS(on)}$ — Ω
- $r_{DS(on)}$ — Ω
- $r_{DS(on)}$ — Ω

Applications

- $R_{DS(on)}$ — Ω

ABSOLUTE MAXIMUM RATINGS

Symbol	Parameter	Conditions	Ratings	Unit
	$R_{DS(on)}$		—	
	$r_{DS(on)}$		—	
	$r_{DS(on)}$		—	
	$r_{DS(on)}$		—	

12A02MH

ELECTRICAL CHARACTERISTICS

Symbol	Parameter	Conditions	Min	Typ	Max	Unit
	-	-	-	-	-	
	-	-	-	-	-	
		- -		-		-
	-	- -	-		-	
		-	-		-	
	-	- -	-	-	-	
	-	- -	-	-	-	
	- -	- μ	-	-	-	
	- -	- ∞	-	-	-	
	- -	- μ	-	-	-	
	-		-		-	
			-		-	
			-		-	

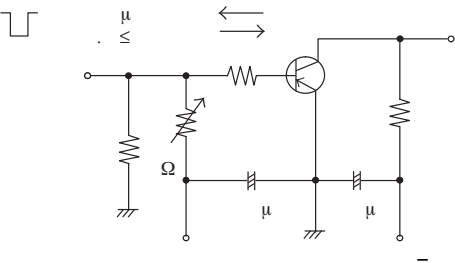


Figure 1. Switching Time Test Circuit

TYPICAL CHARACTERISTICS

—

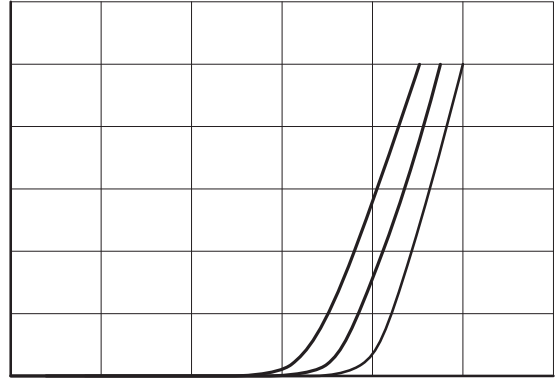


Figure 3. $I_C - V_{BE}$

Figure 2. $I_C - V_{CE}$

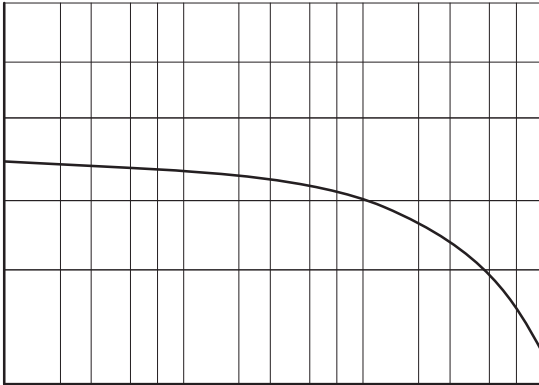
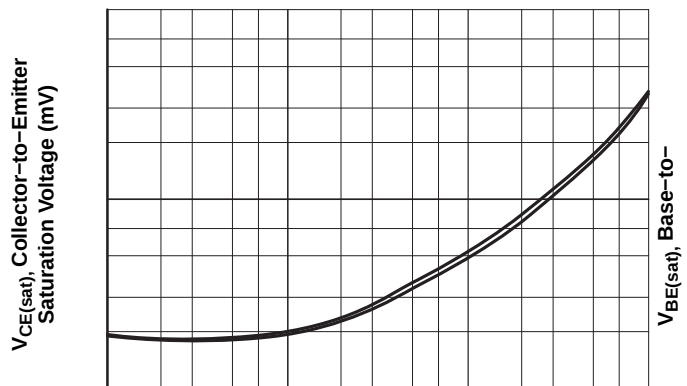
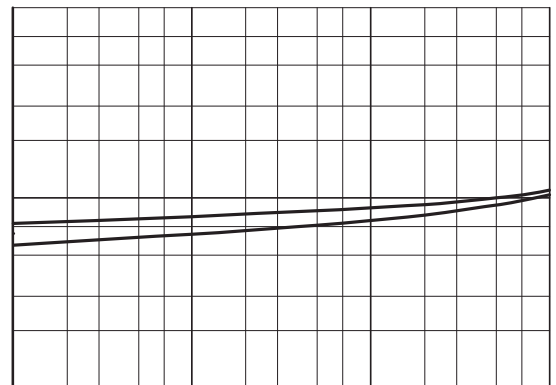


Figure 4. $h_{FE} - I_C$



$V_{CE(sat)}$, Collector-to-Emitter
Saturation Voltage (mV)

$V_{BE(sat)}$, Base-to-



TYPICAL CHARACTERISTICS

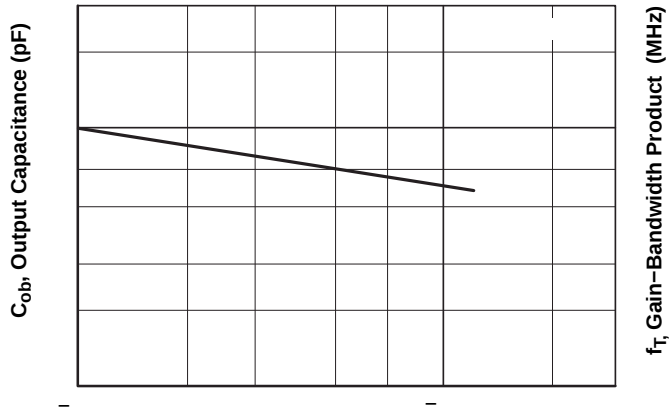


Figure 9. $C_{ob} - V_C$

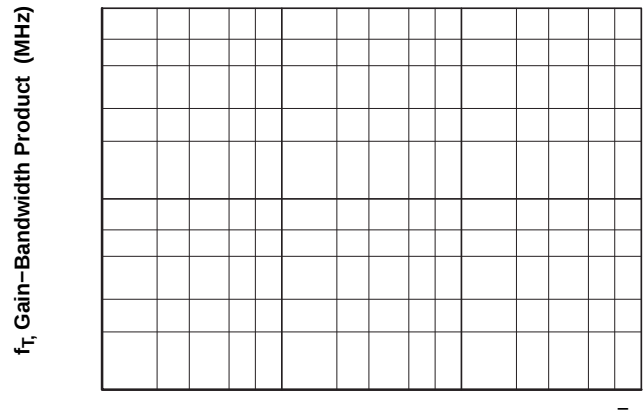


Figure 8. $f_T - I_C$

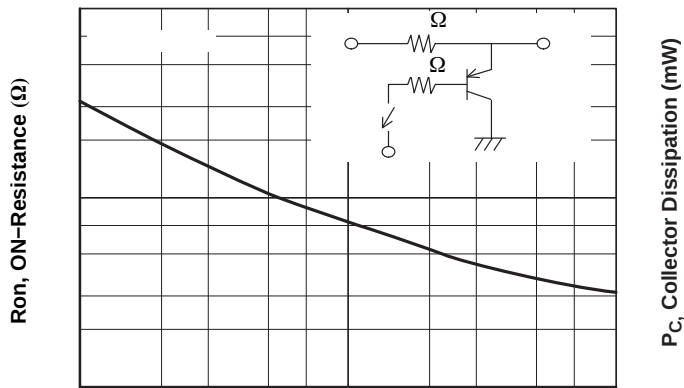
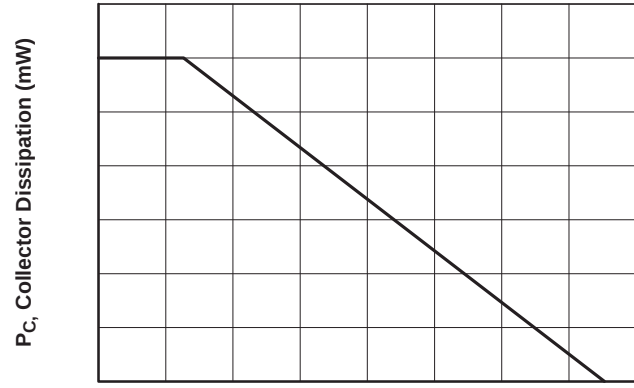
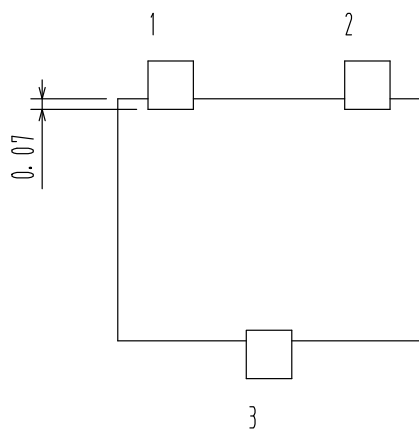
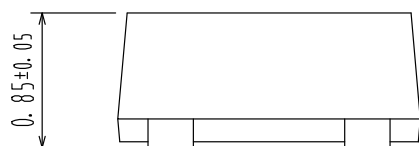
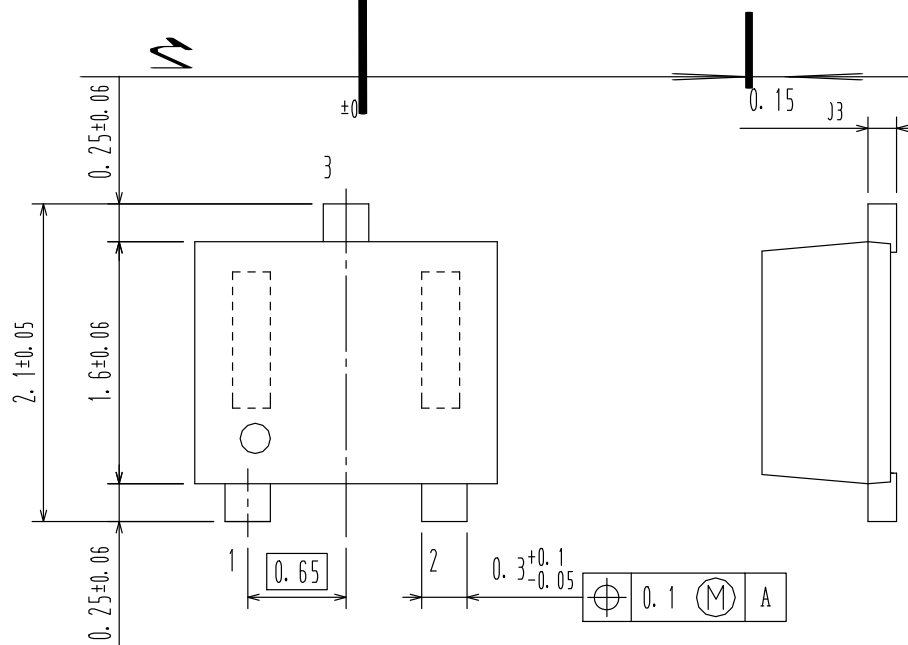


Figure 10. $R_{on} - I_B$



T_A , Ambient Temperature ($^{\circ}\text{C}$)

SC-70FL / MCPH3



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