

Moisture Sensitivity Level 1
Surface mount package ideally Suited for Automatic
Insertion
m

: SOT-523

: Tin plated leads, solderable per
J-STD-002 and JESD22-B102

2SA1774-Q FQ

2SA1774-R FR

2SA1774-S FS

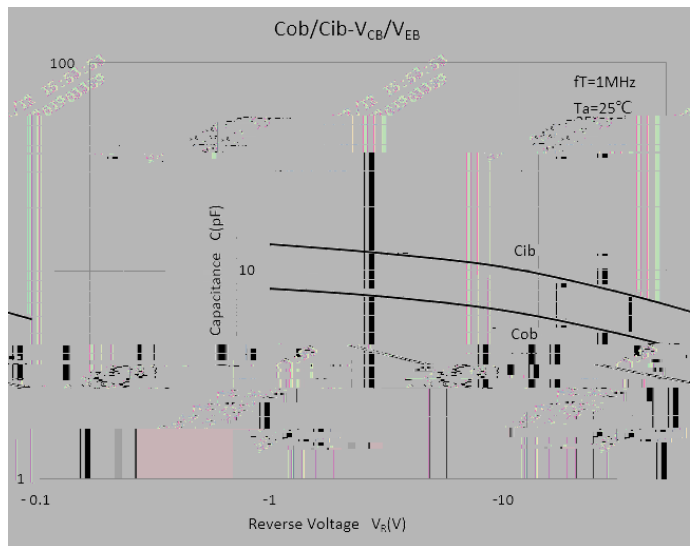
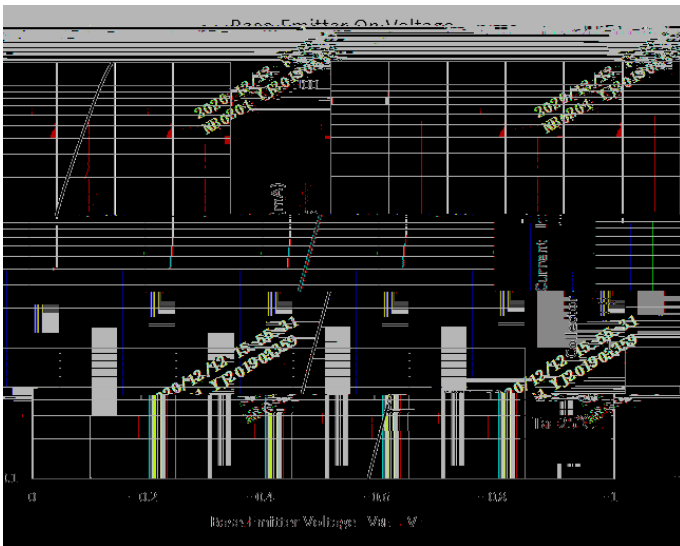
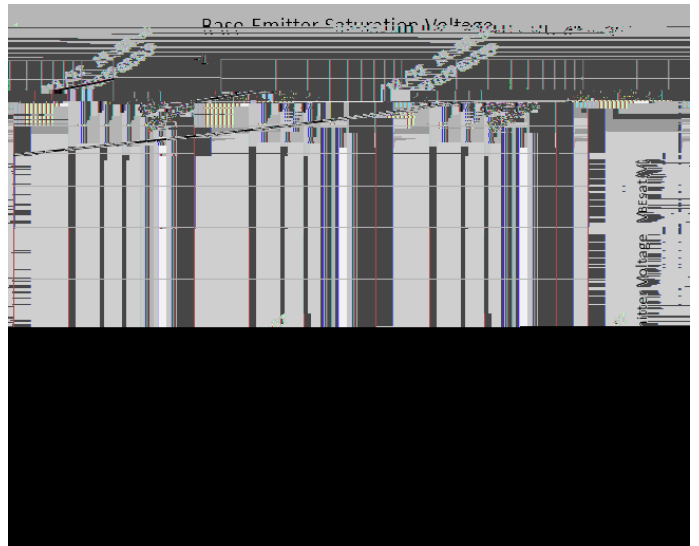
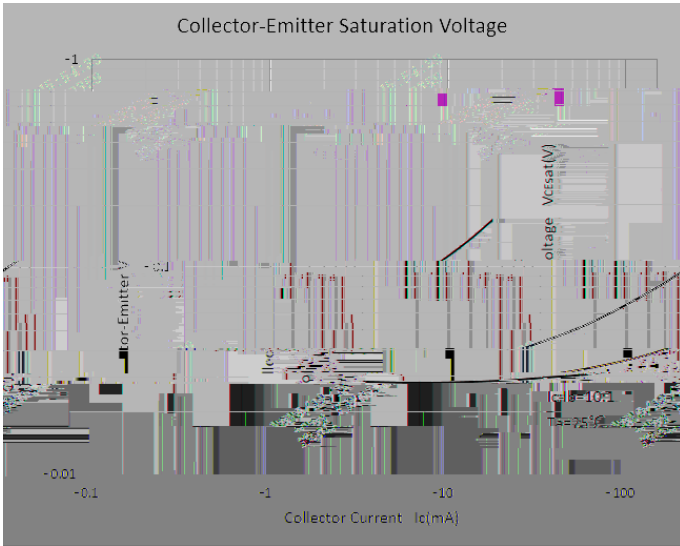
(Ta=25 Unless otherwise specified)

Collector-Emitter Voltage	V_{CEO}	V	$I_C=-1.0mA, I_B=0$	-50
Collector-Base Voltage	V_{CBO}	V	$I_C=-50\mu A, I_E=0$	-60
Emitter-Base Voltage	V_{EBO}	V	$I_E=-50\mu A, I_C=0$	-6
Collector Current	I_C	mA		-150
Collector Power Dissipation	P_C	mW		150
Thermal Resistance Junction to Ambient	R_{JA}	/W		833
Operation Junction Temperature	T_J			-55 to +150
Storage Temperature	T_{STG}			-55 to +150



(Ta=25 unless otherwise specified)

Collector-Emitter Voltage	V_{CEO}	V	$I_C=-1.0\text{mA}, I_B=0$	-50	-	--
Collector-Base Voltage	V_{CBO}	V	$I_C=-50\mu\text{A}, I_E=0$	-60	-	-
Emitter-Base Voltage	V_{EBO}	V	$I_E=-50\mu\text{A}, I_C=0$	-6	-	-
Collector-base Cut-off Current	I_{CBO}	μA	$V_{CB}=-60\text{Vdc}$	-	-	-0.1
Emitter-base cut-off current	I_{EBO}	μA	$V_{EB}=-6\text{Vdc}$	-	-	-0.1
DC Current Gain	h_{FE}		$I_C=-1\text{mA}, V_{CE}$			





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