SOT-23 NPN

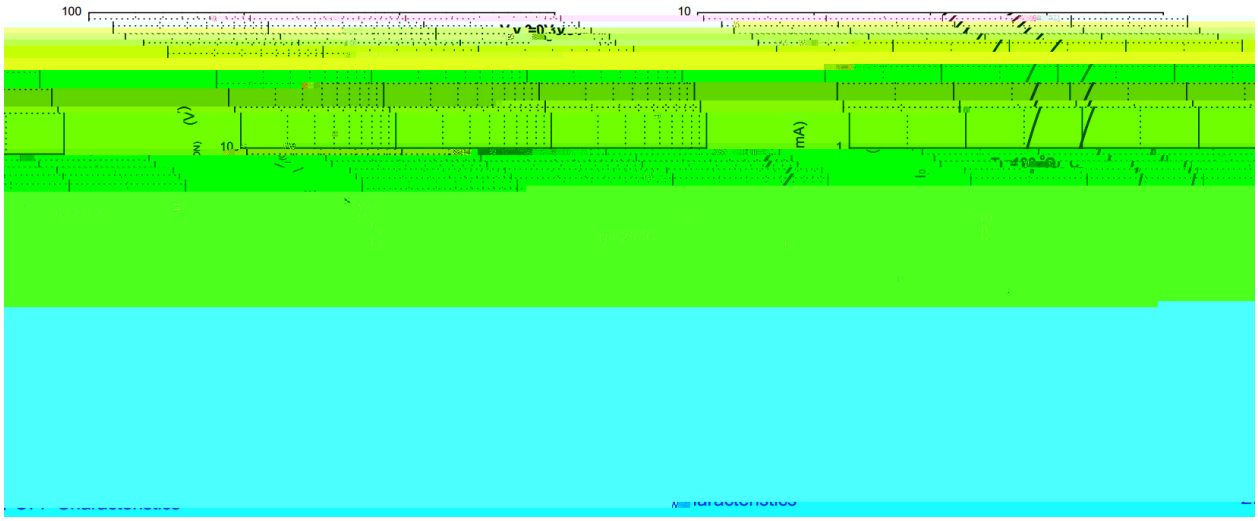
Silicon NPN Digital transistor in a SOT-23 Plastic Package.

AEC-Q101

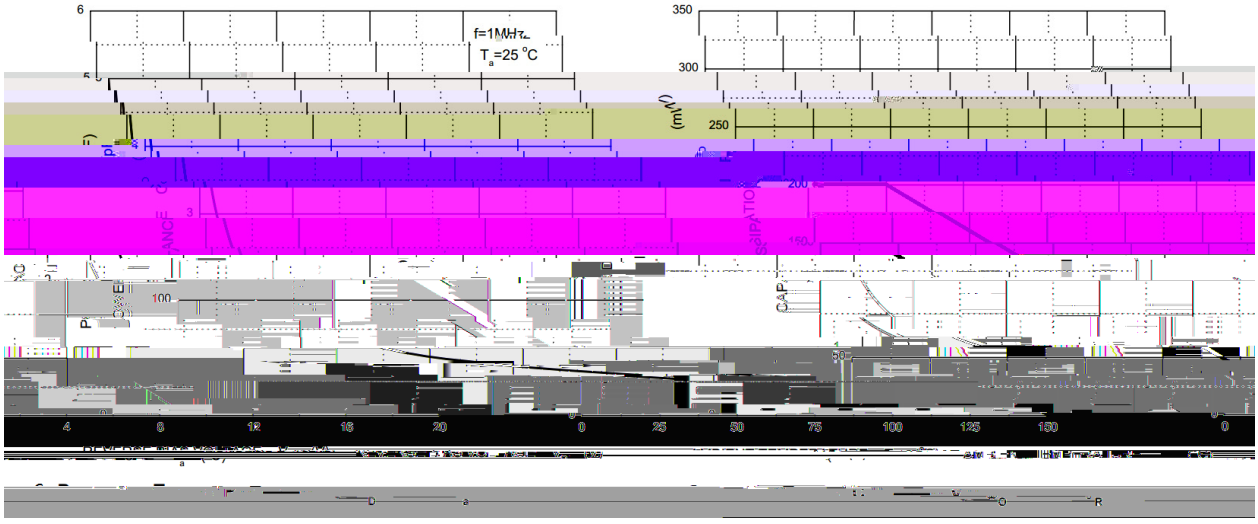
With built-in bias resistors, simplify circuit design, reduce a quantity of parts and manufacturing process, Quao5ged tos EC-Q10013t

Parameter	Symbol	Rating	Unit
Supply Voltage	V_{CC}	50	V
Input Voltage	V_{IN}	-6~40	V
Output Current	I_O	70	mA
Peak Collector Current	I_{CM}	100	mA
Power Dissipation	P_D	200	mW

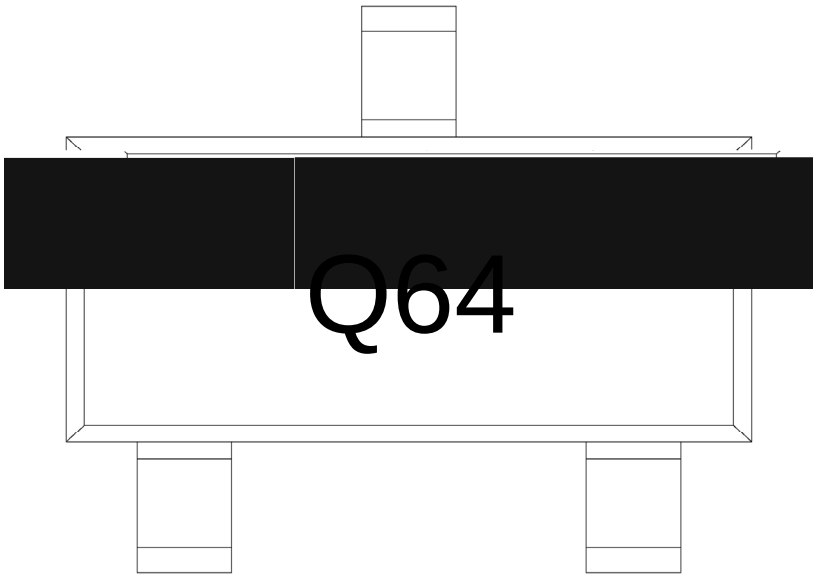
/ Electrical Characteristic Curve







/ Marking Instructions



Q

64

Note:

Q: Automobile halogen-free product Code

64 Product Type Code

( ) / Temperature Profile for IR Reflow Soldering(Pb-Free)

Note:

1	150	200		60	120sec;	1.Preheating:150~200	, Time:60~120sec.
2	255±5				5±0.5sec;	2.Peak Temp.:255±5	, Duration:5±0.5sec.
3			2	10	/sec.	3.Cooling Speed: 2~10	/sec.