/ Descriptions

TO-92 PNP Silicon PNP transistor in a TO-92 Plastic Package.

[redacted]

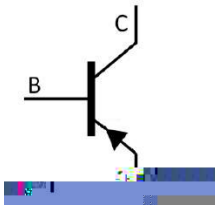
, BF422

High breakdown voltage, complementary pair with BF422.

[redacted]

,

High voltage switching and amplifier ,color TV chrome output.





PIN1 Base PIN 2 Collector PIN 3 Emitter

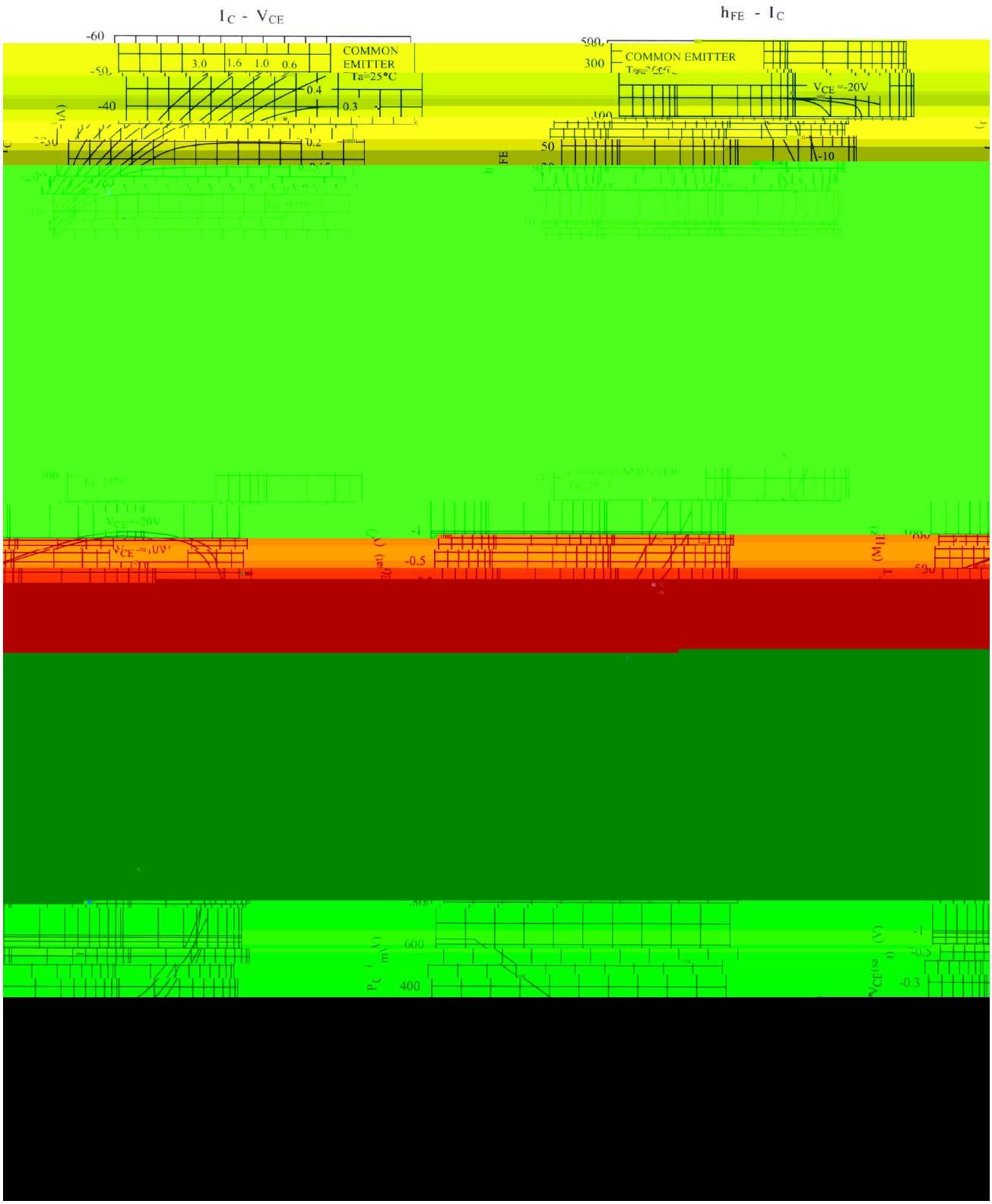
/ hFE Classifications & Marking

See Marking Instructions.

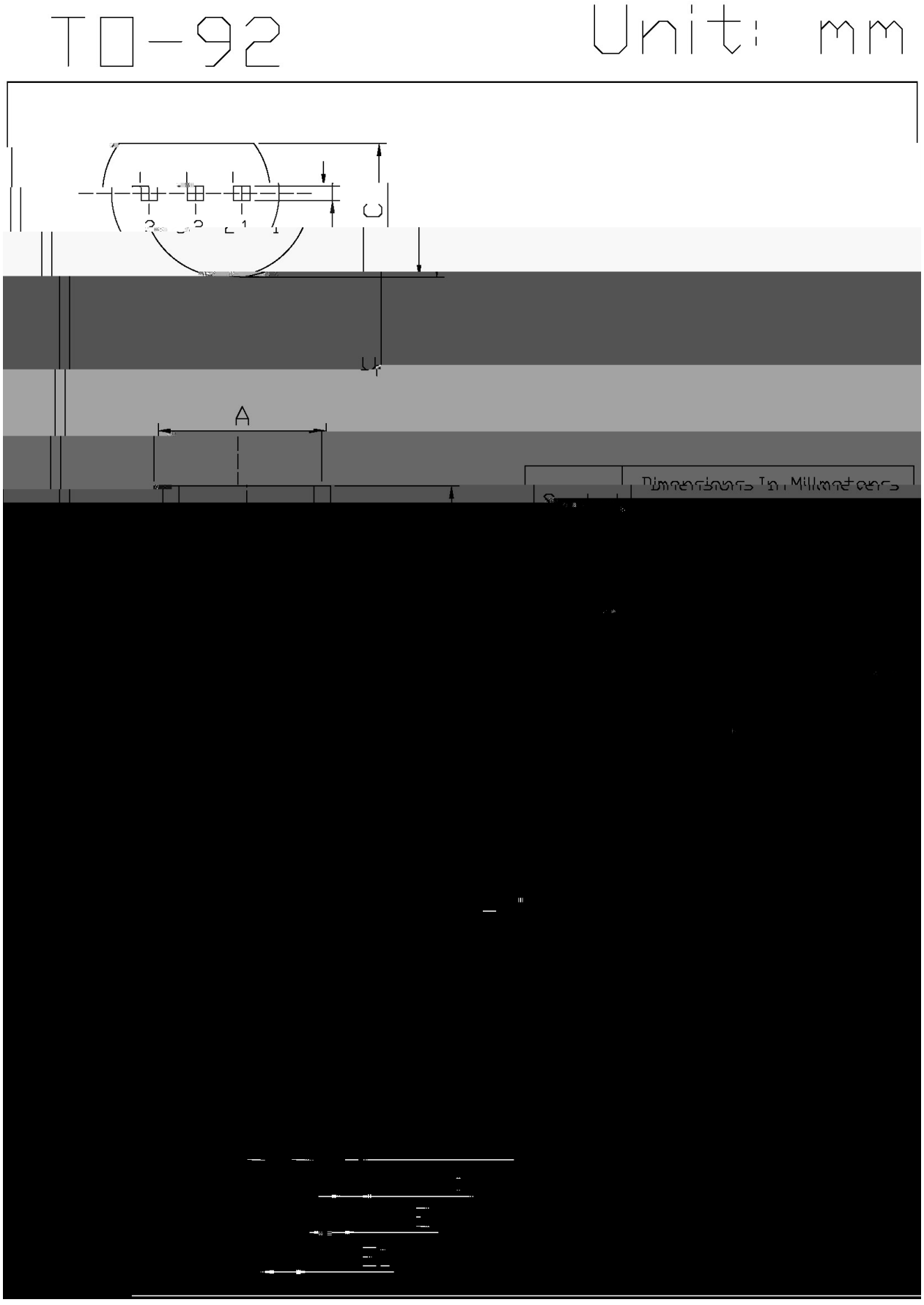
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-250	V
Collector to Emitter Voltage	V_{CEO}	-250	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-50	mA
Peak Collector Current	I_{CM}	-100	mA
Collector Power Dissipation	P_C	830	mW
Base Current - Continuous	I_B	-50	mA
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector Cut-Off Current	I_{CBO}	V_{CB}=-200V I_E=0			-0.01	μA
Emitter Cut-Off Current	I_{EBO}	V_{EB}=-5.0V I_C=0			-0.05	μA
DC Current Gain	h_{FE}	V_{CE}=-20V I_C=-25mA	50			
Collector-Emitter Saturation Voltage	$V_{CE(sat)}$	I_C=-30mA I_B=-5.0mA			-0.6	V
Base -Emitter Voltage	V_{BE}	V_{CE}=-20V I_C=-25mA		-0.75		V
Transition Frequency	f_T	V_{CE}=-10V I_C=-10mA	60			MHz
Reverse Transfer Capacitance	C_{re}					

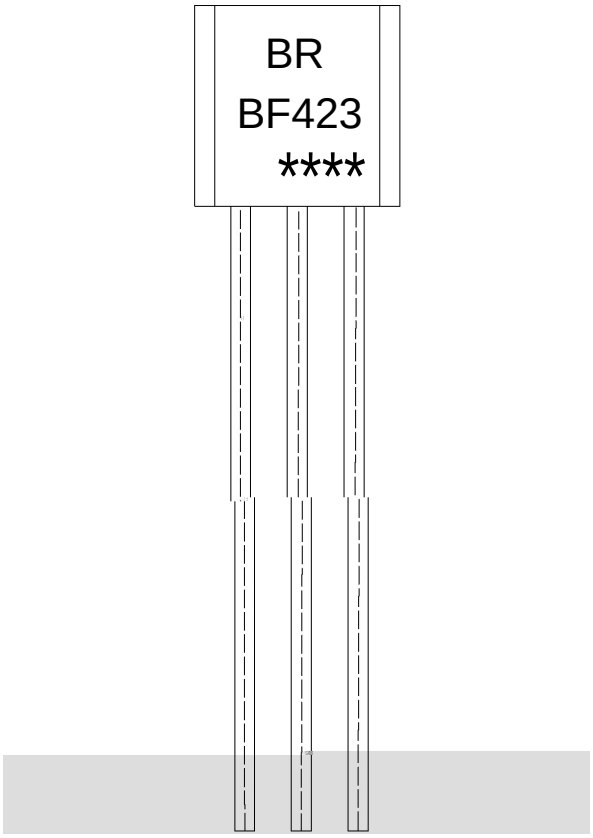
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



BR:

BF423

****

Note:

BR:	Company Code.
BF423:	Product Type.
****:	Lot No. Code,code change with Lot No.