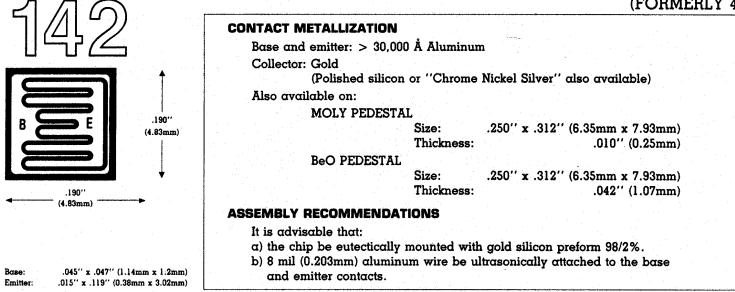
PRODUCT CATALOG

VERY HIGH VOLTAGE, FAST SWITCHING

CHIP NUMBER

NPN TRIPLE DIFFUSED PLANAR POWER TRANSISTOR

(FORMERLY 42)



TYPICAL ELECTRICAL CHARACTERISTICS AT 25°C

The following typical electrical characteristics apply for a completely finished component employing the chip number 142 in a TO-3 or equivalent case:

VCEO	V _{CE(s)} @	IC	lB	hFE @	IC	VCE
>200V	<0.5V	1.0A	0.1A	>10	3A	5V
>300V	<0.5V	1.0A	0.1A	>10	3A	5 V
>400V	<0.5V	1.0A	0.1A	>10	3 A	5V
					en e	i.

VCEO	VCEX	V _{EBO}	ŕŢ	COBO	ø JC
>200V	500V	>20V	2.5MHz	<140pF	<1.0ºC/W
> 300V	600V	>20V	2.5MHz	<140pF	<1.0°C/W
>400V	700V	>20V	2.5MHz	<140pF	<1.0°C/W

TYPICAL DEVICE TYPES: JAN2N3902, JAN2N5157, SDT401, SDT430, 2N5466, 2N5468 hFE available at $I_C = 1A$, $V_{CE} = 5V > 20$



PRODUCT CATALOG

VERY HIGH VOLTAGE, FAST SWITCHING

CHIP TYPE 142

