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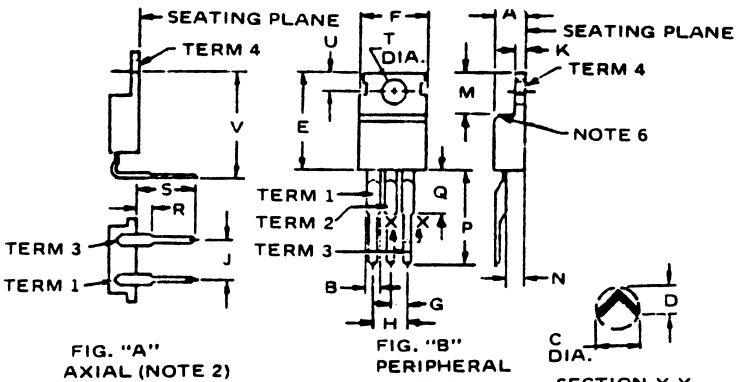
PARAMETERS

2N6042
PNP DARLINGTON TRANSISTOR

Description: PNP Darlington Transistor

Manufacturer.....	
Mil/High-Rel? (Y/N).....	
Ic Max. (A).....	8.0
Vbr CEO.....	100
Max. PD (W).....	2.2
Derate Above 25xC.....	17m
Min hFE.....	1.0k
Max. hFE.....	20k
@Ic (test) (A).....	3.0
@VCE (test).....	4.0
Trans. Freq (Hz) Min.....	4.0M
Icbo Max. @Vcb Max. (A).....	20u
R(sat) (j).....	500m
t(on) Delay (S).....	
Tr Max. (s).....	
t(stor) Max. (S).....	
t(f) Max. (S).....	
Mat.....	Silicon
Oper. Temp (xC) Max.....	150u
Pkg Style.....	TO
Surface Mounted (Y/N).....	N
Pinout Equivalence Number.....	3-37

u Junction Temperature 2 It(rms)



NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. Figure "A", Axial Terminal Configuration, applicable.
3. Figure "B", Peripheral Terminal Configuration, applicable.
4. Alternate lead configurations allowed within C and D.
5. Tab contour optional within M and P.
6. Chamfer optional.
7. Position of lead to be measured .050 -.055 below seating plane.
8. Position of lead to be measured .250 -.255 from bottom of dimension E.

	A	B	C	D	E	F	G	H	J	K	M	N	P	Q	R	S	T	U	V	NOTES
Y220a/ TO220AA	.140 / .190	.045 / .070	.020 / .045	.012 / .045	.560 / .625	.380 / .420			.190 / .210	.020 / .055	.230 / .270	.080 / .115			.050 MAX	.340 / .422	.139 / .147	.100 / .120	.580 / .610	2
Y220b/ TO220AB	.140 / .190	.045 / .070	.020 / .045	.012 / .045	.580 / .650	.380 / .420	.090 / .110	.190 / .210		.020 / .055	.230 / .270	.080 / .115	.500 / .580	.250 MAX			.139 / .161	.100 / .135		3
NOTES			5	5		6	9	9	8		6									