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PARAMETERS

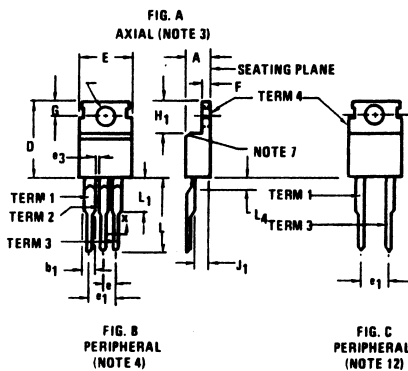
2N6740

SI NPN POWER BJT, I(C) = 5 A TO 9.9 A

Description: Si NPN Power BJT, I(C) = 5 A to 9.9 A

Manufacturer.....	many
Mil/High-Rel? (Y/N).....	
Ic Max. (A).....	8.0
Vbr CEO.....	400
Vbr CBO.....	
Max. PD (W).....	100
Derate Above 25°C.....	800m
Min hFE.....	10
Max. hFE.....	40
@Ic (test) (A).....	
@VCE (V).....	
Trans. Freq (Hz) Min.....	
Icbo Max. @Vcb Max. (A).....	
R(sat) (Ω).....	
Tr Max. (s).....	0.8u
t(f) Max. (S).....	0.8u
Oper. Temp (°C) Max.....	135J
Pkg Style.....	TO-220
Surface Mounted (Y/N).....	N
Pinout Equivalence Number.....	3-10

J Junction Temperature It(rms)



SYMBOL	AA		NOTE	AB		NOTE	AC		NOTE
	MIN	MAX		MIN	MAX		MIN	MAX	
A	3.56	4.82		3.56	4.82		3.56	4.82	
b1	1.15	1.77		1.15	1.77		.99	1.40	
Ab	.51	1.14	5	.51	1.14	5	.51	1.14	5
c	.31	1.14	5	.31	1.14	5	.31	1.14	5
D	14.23	15.87	0	14.23	16.51	0	14.23	16.51	0
E	9.66	10.66	0	9.66	10.66	0	9.66	10.66	0
e	-	-		2.29	2.79	9	-	-	
e1	-	-		4.83	5.33	9	-	5.08	BSC
e2	4.83	5.33	8	-	-		-	-	
e3	-	-		1.15	-		-	-	
F	.51	1.39	6	.51	1.39	6	.51	1.39	6
H	5.85	6.85		5.85	6.85		5.85	6.85	
J1	2.04	2.92		2.04	2.92		2.04	2.92	
J2	-	-		12.70	14.73		12.70	14.73	
L1	-	-		-	6.35		4.60	6.35	
L2	-	1.27		-	-		-	-	
L3	8.64	10.71		-	-		-	-	
L4	-	-		-	-		-	-	
pp	3.531	3.733		3.54	4.08		3.531	3.733	
Q	2.54	3.04		2.54	3.42		2.54	3.04	
s	14.73	15.49		-	-		-	-	

NOTES:

1. DIMENSIONING AND TOLERANCING PER ANSI Y14.5-1973.
2. FIGURE A, AXIAL TERMINAL CONFIGURATION APPLICABLE.
3. FIGURE B, PERIPHERAL TERMINAL CONFIGURATION APPLICABLE.
4. ALTERNATE LEAD CONFIGURATION ALLOWED WITHIN C AND D.
5. TAB CONTOUR OPTIONAL WITHIN M AND F.
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 L.

