

2N3926/2N3927

ELECTRICAL CHARACTERISTICS ($T_{case} = 25^{\circ}C$)

STATIC

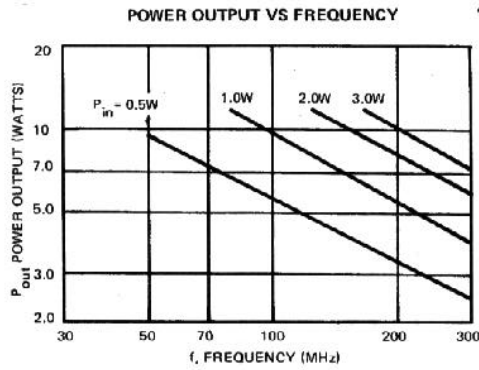
Symbol	Test Conditions	2N3926			2N3927			Unit
		Min.	Typ.	Max.	Min.	Typ.	Max.	
BV_{CBO}	$I_C = 250\mu A$ $V_{BE} = 0$	36			36	($I_C = 500\mu A$)		V
BV_{CEO}	$I_C = 200mA$ $I_B = 0$	18			18			V
BV_{EBO}	$I_E = 1mA$ $I_C = 0$	4			4	($I_E = 2mA$)		V
I_{CBO}	$V_{CB} = 15V$ $I_E = 0$			5			10	mA
h_{FE}	$V_{CE} = 5V$ $I_C = 100mA$	5			5			

DYNAMIC

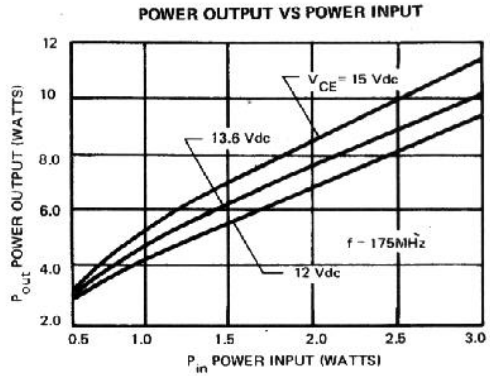
Symbol	Test Conditions	2N3926			2N3927			Unit
		Min.	Typ.	Max.	Min.	Typ.	Max.	
P_O	$f = 175MHz$ $V_{CE} = 13.6V$ Class C	7.0			12.0			W
G_p	$f = 175MHz$ $V_{CE} = 13.6V$ Class C	5.4			4.8			dB
η_C	$f = 175MHz$ $V_{CB} = 13.6V$ Class C	70			80			%
C_{OB}	$V_{CB} = 13.6V$ $I_C = 0$ $f = 1MHz$			20			45	pF

APPLICATION INFORMATION (typical curves)

2N3926

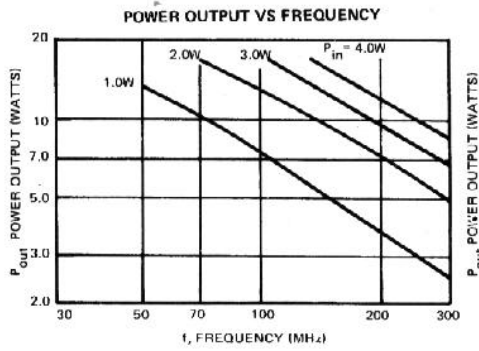


S882N3926-02

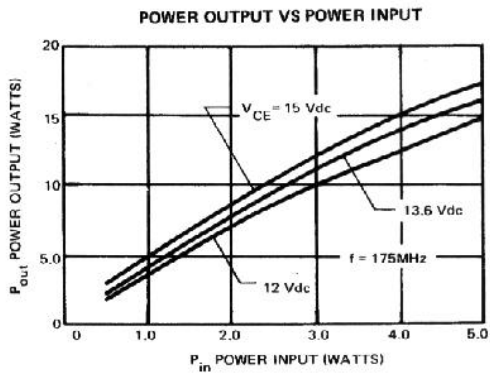


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2N3927



S882N3927-04

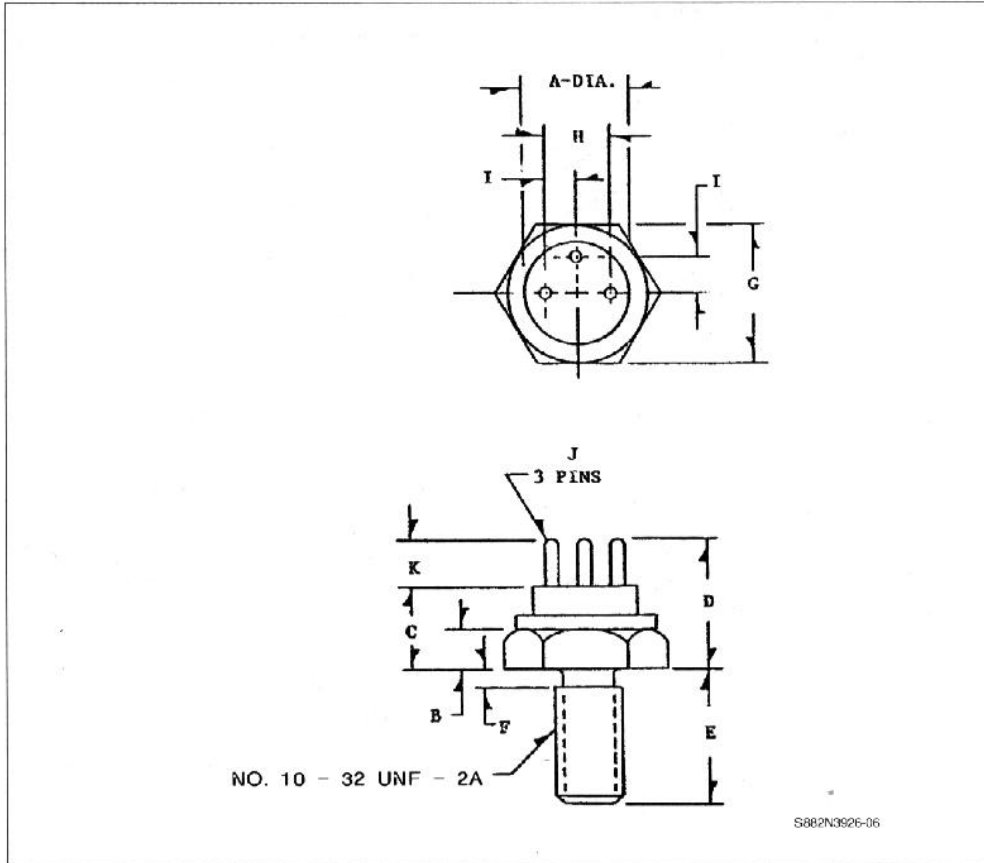


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PACKAGE MECHANICAL DATA

TO 60



	Minimum Inches	Maximum Inches
A	.320	.340
B	.110	.135
C	.245	.300
D	.400	.450
E	.420	.455
E	.140	.160

	Minimum Inches	Maximum Inches
F		.078
G	.420	.440
H	.190	.210
I	.095	.105
J	.030	.046
K	.140	.160