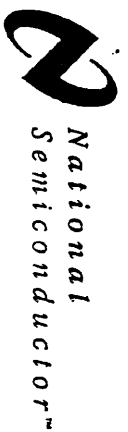


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Pro Electron Series



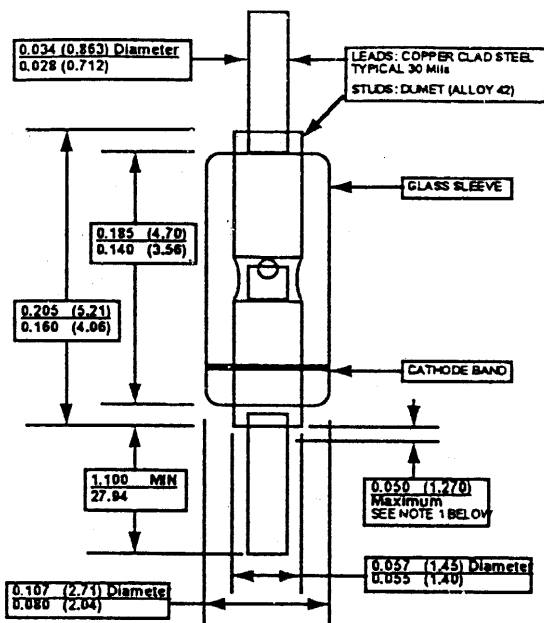
JFET Pro Electron Series

Discrete POWER & Signal Technologies

Device No.	Case Style	BV_{gss} BV_{gso} (V) @ I_g Min (μA)	I_{gss} I_{gso} (mA) @ V_{og} Max (V)	V_p (V) @ V_{gs} Min Max (V)	I_b (nA)	V_{gs} (V) @ V_{gs} Min Max (V)	I_b (μA)	I_{dss} (mA) @ V_{ds} Min Max (V)	$R_o Y_{fs}$ (mmho) @ Fq. Min Max (MHz)	C_{iss} (pF) @ V_{ds} Max (V)	C_{rss} (pF) @ V_{ds} Max (V) V_{gs} (V)	NF (dB) @ $R_g = 1k$ Freq. Typ (MHz)	Pro. No.	Pkg No.															
BF244A	TO-92	30	1	5	20	0.5	8	15	10	0.4	2.2	15	200	2	6.5	15	15	3	6.5	0.001	4	20	1.1	20	-1	1.5	100	50	94
BF244B	TO-92	30	1	5	20	0.5	8	15	10	1.6	3.8	15	200	6	15	15	15	3	6.5	0.001	4	20	1.1	20	-1	1.5	100	50	94
BF244C	TO-92	30	1	5	20	0.5	8	15	10	3.2	7.5	15	200	12	25	15	15	3	6.5	0.001	4	20	1.1	20	-1	1.5	100	50	94
BF245A	TO-92	30	1	5	20	0.5	8	15	10	0.4	2.2	15	200	2	6.5	15	15	3	6.5	0.001	4	20	1.1	20	-1			50	97
BF245B	TO-92	30	1	5	20	0.5	8	15	10	1.6	3.8	15	200	6	15	15	15	3	6.5	0.001	4	20	1.1	20	-1			50	97
BF245C	TO-92	30	1	5	20	0.5	8	15	10	3.2	7.5	15	200	12	25	15	15	3	6.5	0.001	4	20	1.1	20	-1	7.5	800	50	97
BF256A	TO-92	30	1	5	20					0.5	7.5	15	200	3	7	15	15	4.5		0.001			0.7	20	-1	7.5	800	50	97
BF256B	TO-92	30	1	5	20					0.5	7.5	15	200	6	13	15	15	4.5		0.001			0.7	20	-1			50	97
BF256C	TO-92	30	1	5	20					0.5	7.5	15	200	11	18	15	15	4.5		0.001			0.7	20	-1	7.5	800	50	97
BSR56	TO-236	40	1	1	20	4	10	15	1					50	100	15	15					5	10	0			51	49	
BSR57	TO-236	40	1	1	20	2	6	15	1					20	100	15	15					5	10	0			51	49	
BSR58	TO-236	40	1	1	20	0.8	4	15	1					8	80	15	15					5	10	0			51	49	

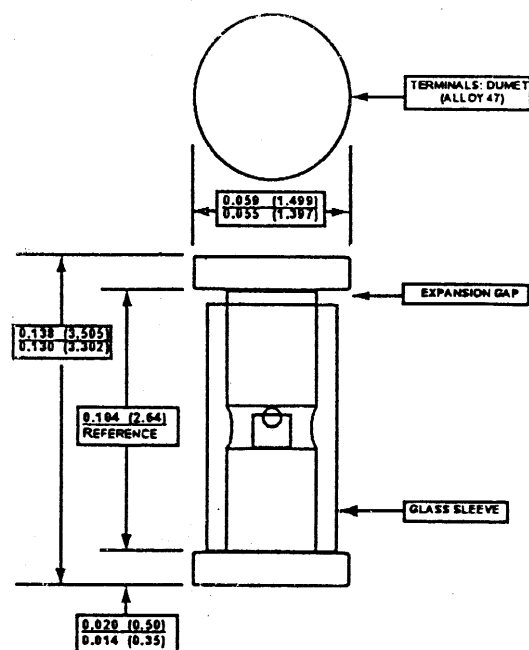
519 509
BF 256A

DO-41 (D4)

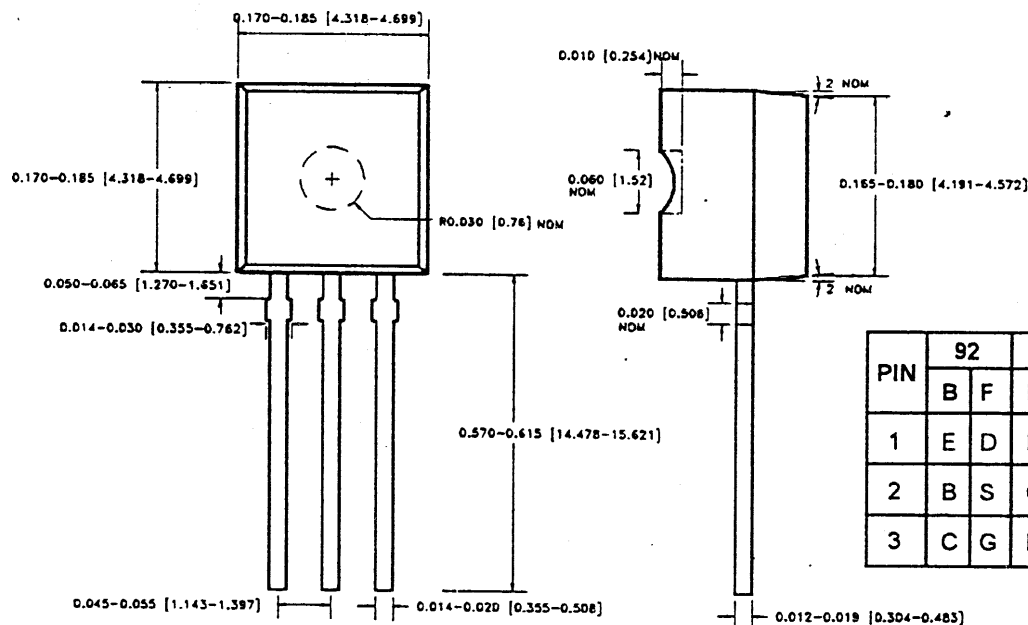


NOTE 1: Lead diameter is not controlled in this zone, allowing for flash, lead finish build-up and minor irregularities other than slugs.

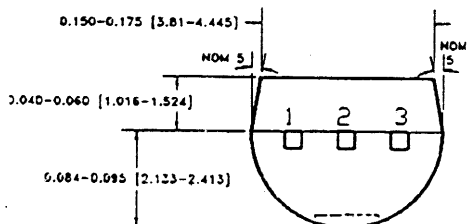
LL-34 (D3)



TO-92 (92, 94, 96, 97*, 98*)



PIN	92		94		96	
	B	F	B	F	B	F
1	E	D	E	D	B	S
2	B	S	C	G	E	D
3	C	G	B	S	C	G



PIN	97*		98*	
	B	F	B	F
1	C	G	C	G
2	B	S	E	S
3	E	D	B	D

*Leadformed to TO-18 configuration prior to bulk shipment. For in-line leads, order option L34Z.
Drain-Source interchangeable on most JFET devices.