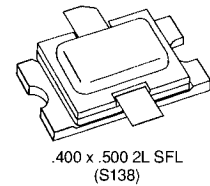
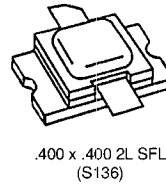
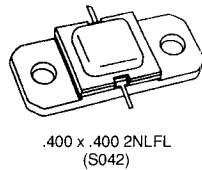
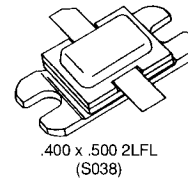
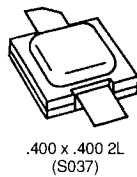
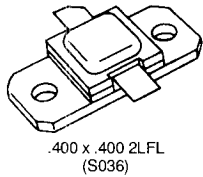


S-BAND RADAR TRANSISTORS

The industry leader in S-Band Power, SGS-THOMSON offers a complete line of short, medium and long pulse transistors for civil and military radar applications up to 3.5 GHz. Refractory gold metallization and emitter site-ballasting ensure superior long-term reliability.



2300-3500 MHz CLASS C, COMMON BASE, PULSED, S-BAND RADAR

PART NO.	FREQ. (MHz)	P _{OUT} MIN. (W)	P _{IN} (W)	GAIN MIN. (dB)	η_c MIN. (%)	V _{CC} (V)	R _{TH(j-c)} MAX. (°C/W)	PULSE WIDTH (μSEC)	DUTY CYCLE (%)	PACKAGE STYLE
AM2729-110	2700-2900	105	23.5	6.5	33	40	0.4	50	10	S138
AM2729-125 [†]	2700-2900	125	25	7.0	35	40	0.35	50	10	S038
AM82731-001	2700-3100	1.0	0.30	5.2	27	30	13.0	100	10	S042
AM82731-003	2700-3100	3.0	0.80	5.7	27	30	6.5	100	10	S042
AM82731-006	2700-3100	5.5	1.5	5.6	27	30	3.75	100	10	S042
AM82731-012	2700-3100	12	3.0	6.0	30	40	4.0	100	10	S036
AM82731-025	2700-3100	25	6.0	6.2	30	40	2.0	100	10	S036
AM82731-050	2700-3100	50	12.5	6.0	30	40	0.75	100	10	S036
AM82731-075 [†]	2700-3100	75	15	7.0	35	40	0.6	100	10	S038
AM2931-110	2900-3100	105	25	6.2	32	42	0.40	50	10	S138
AM2931-125 [†]	2900-3100	125	25	7.0	35	42	0.35	50	10	S038

[†] In Development