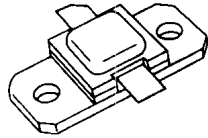
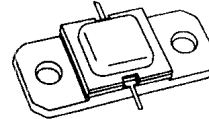


## MICROWAVE COMMUNICATIONS

Input and output impedance matching simplifies ease of broadbanding in the SGS-THOMSON line of devices for microwave communications. Specified at frequencies to 2.7 GHz, these devices are available in a broad range of output power levels in popular band allocations.



400 x 400 2LFL  
(S036)



.400 x .400 2NLFL  
(S042)

## 1400-2700 MHz CLASS C, COMMON BASE, BROADBAND

PART NO.	FREQ. (MHz)	P <sub>OUT</sub> MIN. (W)	P <sub>IN</sub> (W)	GAIN MIN. (dB)	$\eta_c$ MIN. (%)	V <sub>CC</sub> (V)	R <sub>TH(j-c)</sub> MAX. (°C/W)	PACKAGE STYLE
AM1416-001	1400-1600	1.5	0.20	8.8	45	24	22	S042
AM1416-003	1400-1600	3.2	0.50	8.1	45	24	15	S042
AM81416-006	1400-1600	5.0	1.0	7.0	45	20	9.0	S042
AM81416-012	1400-1600	11.2	2.0	7.5	47	20	5.5	S036
AM81416-020	1400-1600	17.6	4.0	6.4	45	20	3.0	S036
AM81720-012	1700-2000	12	2.2	7.4	40	24	5.5	S036
AM81720-020*	1700-2000	20	4.5	6.5	42	24	3.0	S036
AM2327-001	2300-2700	1.0	0.25	6.0	35	24	24	S042
AM2327-003	2300-2700	2.6	0.50	7.2	40	24	15	S042
AM2327-005	2300-2700	5.0	1.0	7.0	35	24	9.0	S042
AM82327-010	2300-2700	9.0	2.75	5.2	30	24	5.5	S036

\*Not recommended for new design