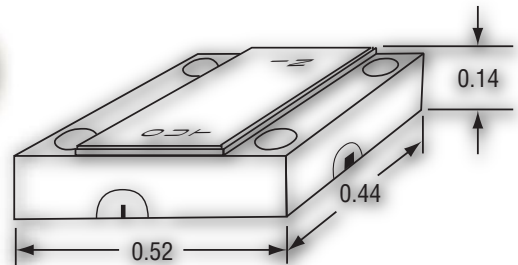
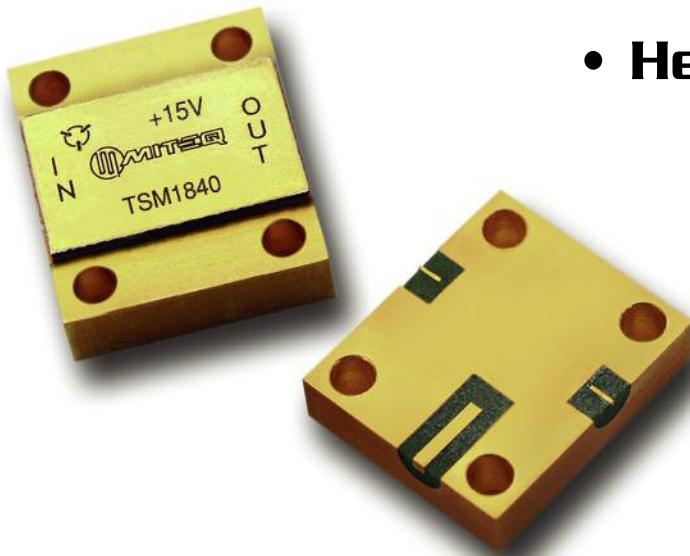


# Ultra Broadband

## True Surface Mount Amplifier

- 0.1 – 40 GHz
- Hermetically Sealed



### Hi-Rel Screening is Available!

MODEL		TSM1800	TSM2600	TSM1826	TSM1840	TSM2640	TSM4000
Frequency Range	(GHz)	0.1 – 18	0.1 – 26	18 – 26	18 – 40	26 – 40	0.1 – 40
Gain	(dB)	22	24	24	22	25	25
Gain Flatness	(dB)	±2.5	±3.0	±2.5	±3.0	±3.0	±3.5
Noise Figure	(dB)	3.0*	4.0*	3.8	4.0	4.0	6.5**
P1dB	(dB)	+10	+8	+5	+5	+8	+5
VSWR	(In/Out)	2.5:1	2.5:1	2.5:1	2.5:1	2.5:1	3.0:1
+15V/Current	mA	150	175	175	200	200	225

\* Above 500 MHz.

\*\* Above 800 MHz.

US Patent 7,557,431 B2

For additional information or technical support, please contact our Sales Department at (631) 439-9220 or e-mail [components@miteq.com](mailto:components@miteq.com)



100 Davids Drive, Hauppauge, NY 11788  
TEL.: (631) 436-7400

[www.miteq.com](http://www.miteq.com)