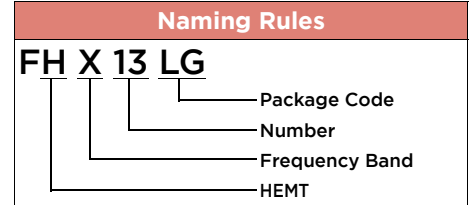


GaAs HEMTs

HEMT series of products was developed by Sumitomo Electric for a wide range of general purpose applications including, but not limited, to DBS converters, Handsets, Base Station, Radio-Telescope and many other applications where low-noise and gain is required. Sumitomo Electric has a full line-up of HEMT products specified for applications in the 4GHz to 12GHz frequency range.



Specifications

Part Number	NF (dB)	Gas (dB)	VDS (V)	IDS(DC) (mA)	Specified Freq. (GHz)	Package	Application
FHC30LG	0.35	14.5	2	10	4	LG	Low Noise Amp, TVRO, BTS
FHC40LG	0.3	15.5	2	10	4		
FHX04LG	0.75	10.5	2	10	12	-	Low Noise Amp
FHX04X	0.75	10.5	2	10	12	-	
FHX13LG	0.45	13	2	10	12	LG	
FHX13X	0.45	13	2	10	12	-	
FHX35LG	1.2	10	3	10	12	LG	Low Noise Amp, Mixer, GPS
FHX35LP	1.2	10	3	10	12	LP	
FHX35X	1.2	10	2	10	12	-	Low Noise Amp
FHX45X	0.55	12	2	10	12	-	
FHX76LP	0.4	13.5	2	10	12	LP	

X: Conventional Chip
 Note: Tc (op) = +25°C

Product Photo

