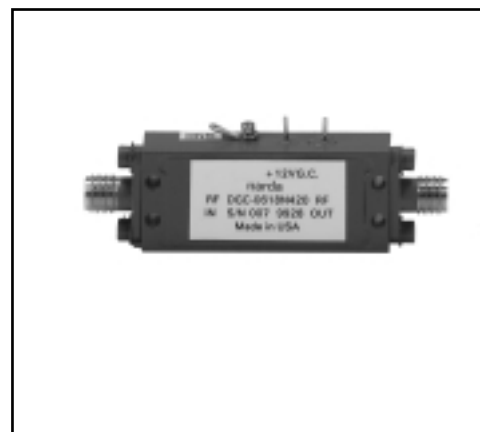


Wideband Gain Controlled Amplifiers

RADAR AND ECM AMPLIFIERS



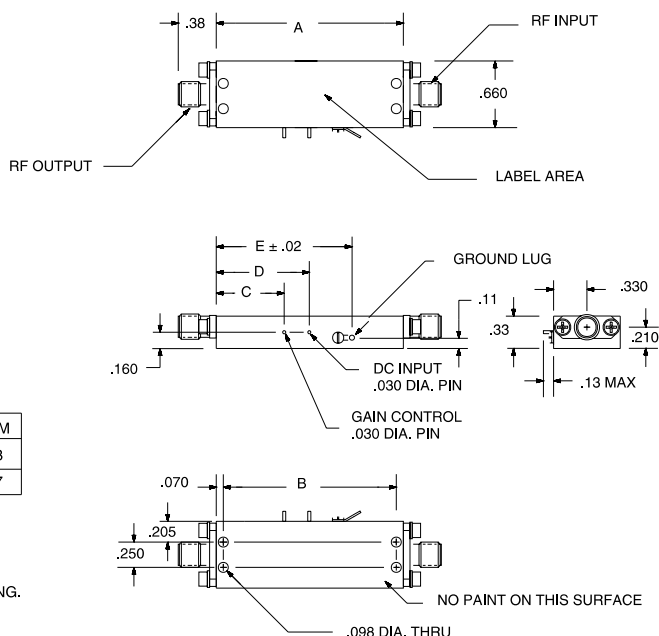
SPECIFICATIONS

MODEL NUMBER	FREQUENCY RANGE (GHz)	GAIN MIN (dB)	NOISE FIGURE MAX (dB)	P1dB MIN (dBm)	GAIN FLATNESS MAX (±dB)	IP3 TYP (dBm)	VSWR 50 OHMS I/O TYP	CURRENT @ 12 Vdc MAX (mA)	ATTENUATOR RANGE MIN (Db)	CASE OPTIONS
DGC-0208N315	2.0-8.0	30	3.0**	15**	1.5	25	2.0/2.0	200	30	1GC
DGC-0618N420	6.0-18.0	30	3.0**	20**	1.5	30	2.0/2.0	400	20	2GC
DGC-0218N20	2.0-18.0	30	3.0**	20**	1.5	30	2.0/2.0	450	20	2GC

All above-mentioned amplifiers include the following: Internal voltage regulator with input voltage of +11.5 Vdc to +15.5 Vdc. TTL power switch. Output power monitor. Gain control (0-10 V adjust.) Linearized attenuator (± 2.0 db OT.) Temperature compensation over -20 to +80°C. Maximum RF input power is 20 dBm (CW) or 30 dBm pulse, 1 microsecond and 1% duty cycle.

** P1dB and NF specs are guaranteed at zero (0) attenuation only.

OUTLINE DRAWING



CASE	A DIM	B DIM	C DIM	D DIM	E DIM
DBX-1GC	1.602	1.462	.43	.68	1.13
DBX-2GC	1.845	1.705	.67	.92	1.37

NOTES:

- ALL DIMENSIONS ARE IN INCHES.
- TOLERANCE: .XX = $\pm .02$
.XXX = $\pm .010$
- ALL TOLERANCES APPLY BEFORE PAINT & LABELING.
- RF CONNECTORS ARE SMA FEMALE.