

MODULAR AMPLIFIERS CDM SERIES

Description

- General purpose amplifiers

Application

- Commercial
- Telecommunications
- Military

How to order

Add the case type to the P/N

Example: CDM27K

Features

- Frequency range: 0.05 to 3000 MHz
- High reverse isolation

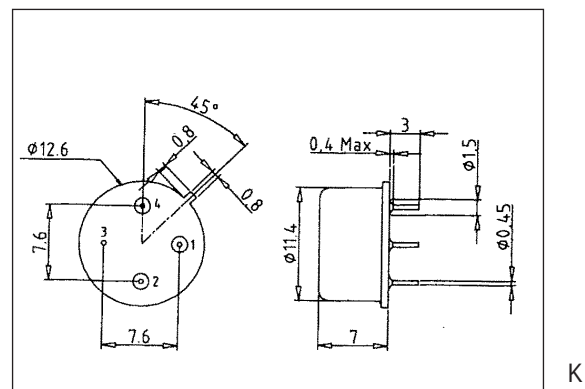
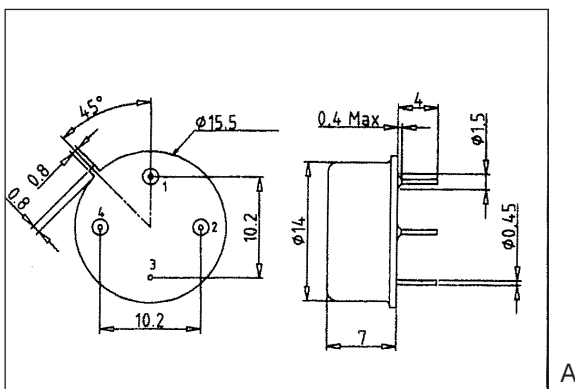
Electrical characteristics

- Impedance: 50 Ω nominal
- Temperature range: - 40° C to + 85° C
- Max input power: + 20 dBm CW

Pin configuration

Case	Input	Output	VDC	Ground
A	2	4	1	3
K	2	4	1	3

Case drawings



Electrical characteristics

Model N°	Frequency range (MHz)		Power output @ 1 dB comp. (dBm)	Noise figure (dB) max.	Gain (dB) min.	3rd order inter. point (dBm)	Flat (± dB) max.	VSWR out max.	DC supply		Case type
	min.	max.							(V)	(mA)	
CDM28-1	0.05	100	+ 12	3.8	15	+ 23	1.5	2	+ 15	40	A
CDM40	10	100	+ 16.5	1.8	11.5	+ 29	1.5	1.7	+ 12	15	K
CDM45	25	95	+ 20	1.8	11.5	+ 34	1.5	1.7	+ 12	30	K
CDM27	1	30	+ 16	2.4	17.5	+ 30	1.4	2	+ 15	50	A or K
CDM24	10	100	+ 10	2.1	19	+ 23	1.5	1.7	+ 12	25	A or K
CDM01	10	500	+ 3	3	10.5	+ 17	1.7	1.5	+ 12	10	A or K
CDM11	10	1000	0	2.6	12	+ 15	1.7	2.2	+ 12	10	A or K
CDM14	10	1000	+ 1	2.6	13	+ 16	2	2	+ 12	10	A or K
CDM21	10	1000	+ 16	5.5	12	+ 29	2	2.5	+ 12	60	A or K
CDM02	20	200	+ 8	2	8.5	+ 23	1.5	1.5	+ 12	10	A or K
CDM03	20	200	+ 11	3	8.5	+ 27	1.7	1.7	+ 12	15	A or K
CDM23	20	250	+ 10	1.6	8.5	+ 22	1.5	1.5	+ 12	10	A or K
CDM36	20	2000	+ 4	5.5	12.5	+ 10	2	3	+ 12	20	A or K
CDM12	30	300	+ 16	2.5	8.5	+ 30	1.7	1.7	+ 12	25	A or K
CDM04	30	900	+ 1	3.6	10	+ 16	2	2	+ 12	10	A or K
CDM06	30	900	+ 11	4	10.5	+ 26	1.5	1.6	+ 12	30	A or K
CDM16	30	100	+ 8	2.3	14	+ 24	1.5	1.5	+ 12	20	A or K
CDM30	50	300	+ 19	3	8.5	+ 30	1.7	2	+ 12	50	A or K
CDM35	50	400	+ 16	3	18.5	+ 30	2	2	+ 12	45	A or K
CDM09	900	1400	+ 12	3.5	8.5	+ 22	2	2.1	+ 12	25	A or K
CDM20	1000	2000	+ 10	3.6	10.5	+ 24	2.5	2.5	+ 12	30	A or K
CDM29	2000	2500	+ 8	4.5	10	+ 21	2.5	2	+ 12	25	A or K