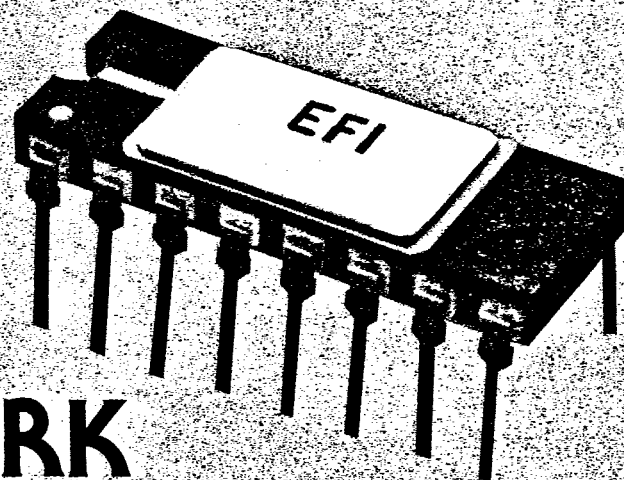




D355 PRECISION THIN-FILM LADDER NETWORK

FEATURES

- Up to 12-bit resolution over the full rated temperature range.
- Temperature tracking of 1PPM/°C.
- $\pm 1/2$ LSB Accuracy.
- Low noise.
- Minimal long term drift.
- Standard package design, for complete interchangeability.

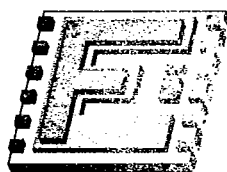
Electro-Films D355 high-precision ladder network offers up to 12-bit resolution in an R-2R configuration for A/D and D/A converter applications (see next page). It is intended for use with analog switches such as the Analog Devices AD555 and is interchangeable with the AD855 or Beckman 816-55 ladder networks. The unit is furnished in a 16-pin ceramic dual-in-line package, and can be supplied to MIL-STD-883 specifications.

RESOLUTION/ACCURACY OPTIONS

	$\pm 1/2$ LSB 12 Bits	$\pm 1/2$ LSB 10 Bits
Maximum cumulative error over the operating temperature range	$\pm 0.012\%$	$\pm 0.05\%$
Operating Temp. 0°C to 70°C	A-1	B-1
Operating Temp. -55°C to +125°C	A-2	B-2

ORDERING INFORMATION

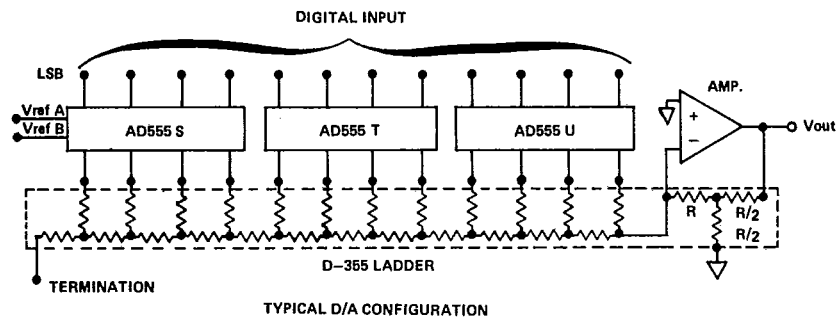
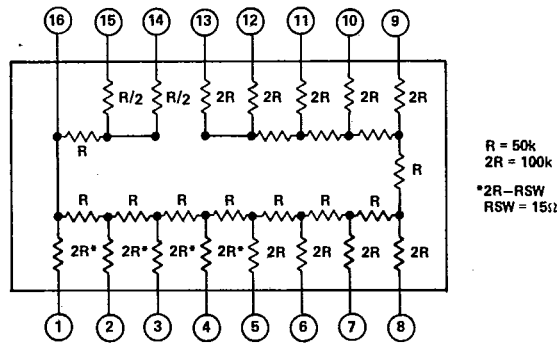
D	355	A	2
PKG	Basic Part	Resolution and Full Scale Accuracy	Temperature Range



Electro-Films Incorporated

111 Gilbane St., Warwick Central Industrial Park, Warwick, RI 02886
TEL. (401) 738-9150 • TWX 710-382-0405
Micro Electronic Components

D-355 12-BIT R/2R LADDER



EFI reserves the right to change specifications without notice.

DIMENSIONS

