



# C300/400 SERIES

## MONOLITHIC WIDEBAND CRT DISTORTION CORRECTION DEVICE

### FEATURES

- 16 pin ceramic dip (C300 Series)
- Minimum of external components required
- Easily adjusts for yoke errors
- Accuracy better than 0.5% Max (C312)
- Bandwidth compatible with 10MHZ systems
- Both geometry and focus available
- MIL 883C available
- Low cost

### APPLICATIONS (for Vector Displays Only)

#### Military Displays

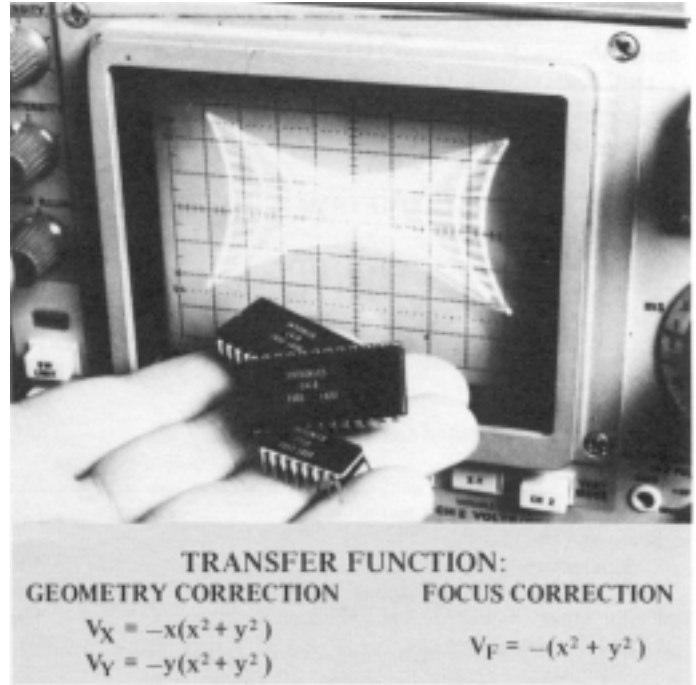
HUDS            ATC  
 HDDS           PPI

- Simulators
- Beam Penetration
- Shadow mask
- Phototypsetting equipment
- Computer Output Microfilm displays
- Computer driven graphic displays
- Medical monitors
- CAD displays
- TV Cameras and projection systems

### DESCRIPTION

The Intronics C300/400 Series are monolithic devices that accurately correct for geometric or focus distortion in CRT displays. The C300 (16 pin DIP) series provides wideband, accurate full face geometry or focus correction with few external components. These units connect between the horizontal and vertical inputs and their deflection amplifiers. Simple external adjustments provide for correction magnitude, horizontal/vertical keystone and curvature symmetry. The C400 series (24 pin DIP) is a full Mil temp range, -55°C to + 125°C device.

The principle of operation is based on circuitry which smoothly synthesizes a correction function that closely approximates the exact mathematical correction function.



### PINOUT

H = HORIZONTAL  
 V = VERTICAL

