

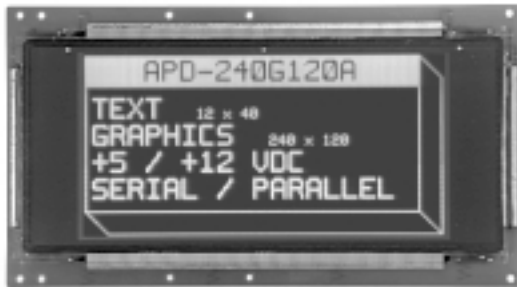
APD-128G064C



APD-240M021



APD-240G120-A



APD-016A070



FEATURES

- **Viewing Angle:** Vishay Dale's patented "open" construction method provides superior viewing angles that are unsurpassed by any display technology.
- **Brightness:** Vishay Dale displays are designed to exploit the inherent high brightness capability of DC Plasma displays to make them excellent choices for practically any application, whether it is in sunlight, brightly lit factories, or total darkness. The nature of the plasma glow make the display characters or graphics appear much larger than they actually are. The brightness is also extremely uniform since there are no internal filaments or grids that affect the light output.
- **Compact Size:** State-of-the-art design using the latest SMT components and DC/DC converters result in modules that provide minimum front panel space and depth.
- **Flexibility:** Vishay Dale excels in building display modules that allow the user to personalize their products at affordable prices. Our screened image display technology allows maximum freedom to design a display module that is application specific with interface circuitry that is synergistic to the end system.
- **High Speed Data Input:** Vishay Dale's creative interfaces allow high speed data input without display flickering or difficult handshaking schemes.
- **Rugged Design:** Shock and Vibration (non operating and operating) are no problem, as there are no fragile filaments or grids that may break.
- **Made in USA:** Vishay Dale Plasma display modules are completely manufactured in the USA by Vishay Dale which insures total control over all aspects of design and manufacturing to provide the utmost in customer service and support.

THE SELECTION PROCESS

- **Call Vishay Dale:** We have designed hundreds of application specific displays which enable us to give you an objective analysis of your needs and options.
- **Type and Amount of Information to be Displayed:** This will define whether a graphics or character format is required, and the minimum size of the format.
- **Viewing Distance Range:** This will determine the size of the characters from which the pixel pitch and size will be derived.
- **Ambient Lighting Conditions:** The lighting conditions will dictate the display luminance, whether or not dimming is required, and the type of contrast enhancement filter.
- **Power and Voltage Available:** Through the use of efficient DC/DC converters, Vishay Dale can design modules compatible with practically any power and voltage source. Vishay Dale's Plasma display power requirements are competitive with any light emissive display technology.
- **Overall Size:** Vishay Dale is adept at designing packages to fit your space budget.
- **Interface:** Three basic interface levels are available: (1) ASCII - Parallel or serial (RS-232), (2) CRT controller (user supplies sync, pixel data, and clock signals) or (3) Display glass only (Vishay Dale will gladly provide application assistance).
- **Operating Environment:** The operating conditions may affect the component selection and whether special packaging is required for hostile environments.

VISHAY DALE'S GOAL

- To help you select the best display for your application the first time.