

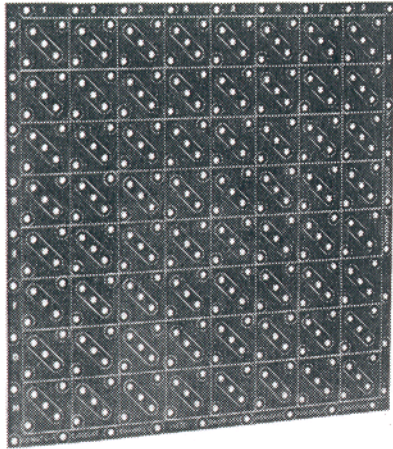
**PARTS LIST**  
**ARO PNEUMATIC LOGIC CONTROL**  
**LOGIC FUNCTION ASSEMBLY**

59595-88

FORM 5284

REV. 5/91

**CIRCUIT MODULE**



**DESCRIPTION**

Model 59595- circuit module is a fiber filled nitrile (non-asbestos) material processed for the optimum in density and service life. Air passageways are cut into the module for the interconnection of logic elements in an Aro Pneumatic Logic Control circuit board assembly. An element location pattern which corresponds to the Aro circuit pattern layout sheet is printed on the module to facilitate the translation of the circuit pattern to the circuit module. The circuit modules are available in the 8 x 8 element size and can be easily trimmed to fit the 6 x 6 and 4 x 4 circuit board assemblies.

**CIRCUIT CHANNELS AND CIRCUIT ASSEMBLY**

Cut the flow channels into the module, using a Model 59500 module nibbler, following the circuit pattern. Leave 1/8 inch or more of material between channels and make channels 1/8 inch wide, minimum. Do not cut channels into the encircled areas printed on the module except when making circuit connections.

Assemble the circuit board (base plate, module, and cover plate) and attach the elements hand tight. Check location and orientation of the elements against the circuit layout. Tighten elements and periphery bolts as follows:

1. Starting at one side of the circuit board and working across, torque nuts and screws to 5 inch-lb.
2. Repeat, torquing nuts and screws to 10 inch-lb.
3. Repeat, torquing circuit elements and accessories to 16 inch-lb., and periphery bolts to 11 inch-lb.

