

## FEMALE SOCKET CONNECTOR

.100" x .200"  
.100" x .300" CENTERS



### PHYSICAL PROPERTIES

INSULATION MATERIAL: Glass reinforced thermoplastic, rated UL 94V-0  
COLOR: Blue  
CONTACT MATERIAL: Beryllium copper with 30µ inches min. gold over 50µ inches min. nickel in contact zone, tin-lead over nickel in termination area

### ELECTRICAL PROPERTIES

CURRENT RATING: 1 Amp  
INSULATION RESISTANCE: > 1 x 10<sup>9</sup> Ohms @ 500 VDC  
DIELECTRIC STRENGTH: > 1000 VRMS @ sea level

### ENVIRONMENTAL PROPERTIES

TEMPERATURE RATING: -55° C to 125° C

### CABLE REQUIREMENTS

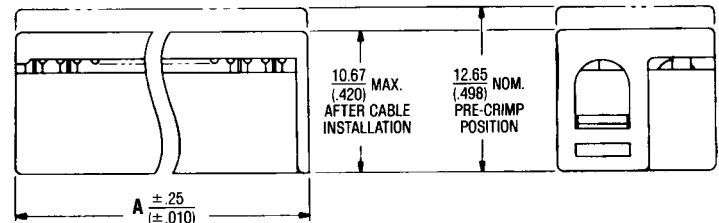
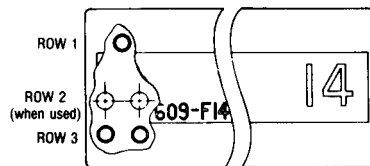
See Pages 108-120

### MATING CONNECTORS

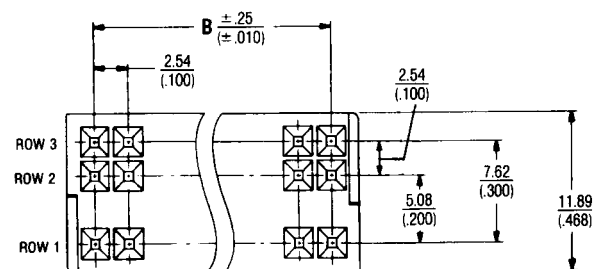
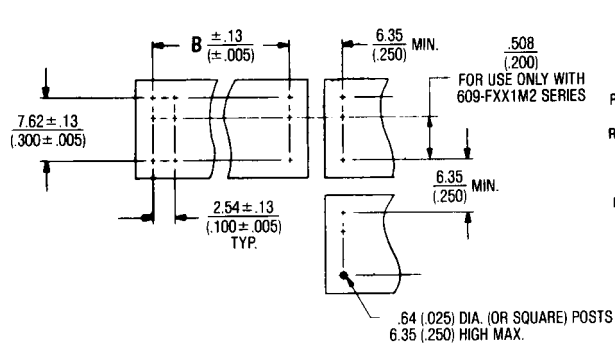
HEADERS: See page 43

### APPLICATION TOOLING

HAND TOOL: 779-2100  
use Die 779-2162  
BENCH PRESS (MANUAL): 779-3200  
use Platen 779-3130  
use Base Plate 779-3162  
BENCH PRESS (PNEUMATIC): 779-3500XT  
use Platen 779-3130  
use Base Plate 779-3162



### RECOMMENDED POST PATTERN



Note: Connector spacings are given as minimums for ease of plugging or unplugging. Greater spacing in at least one direction is recommended.

### Ordering Information

CATALOG NUMBER	NO. OF POS.	GRID SPACING	DIMENSIONS IN MM (INCHES)		CONTACT POSITIONS
			A	B	
609-F141M2	14	2.54 x 5.06 (.100 x .200)	19.51 (.768)	15.24 (.600)	Rows 1 and 2
609-F161M2	16	2.54 x 5.06 (.100 x .200)	22.05 (.868)	17.78 (.700)	Rows 1 and 2
609-F141M	14	2.54 x 7.62 (.100 x .300)	19.51 (.768)	15.24 (.600)	Rows 1 and 3
609-F161M	16	2.54 x 7.62 (.100 x .300)	22.05 (.868)	17.78 (.700)	Rows 1 and 3