



**FEMA**  
ELECTRONICS  
CORPORATION



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**FEMA Electronics** is a leader in front panel integration, offering silicone rubber keypads, membrane switches, overlays and touch panels at competitive prices. FEMA Electronics also offers semi-finished and turn-key products with silicone rubber keypads.



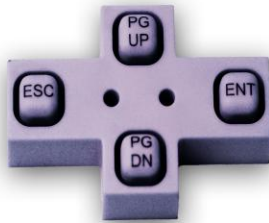
## Silicone Rubber Keypads



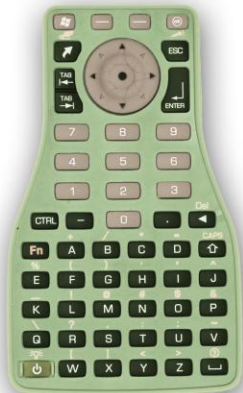
Epoxy Coating



Color Print



Laser Etched Legend



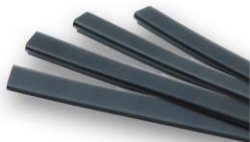
Silicone Keypad with Plastic Overlay



Silicone Rubber Keypad & Membrane Switch Hybrid



Super Abrasion Coating



Zebra Connector

### Product Lines and Services

- Custom silicon rubber keypads
- Keypad assemblies
- Standard rubber button and rubber keypad without tooling charge
- Keypads with backlighting - LED, optical fiber, etc
- Keypads with specified hardness (durometer)
- Elastomeric (Zebra) connectors for LCDs

### Technical Capabilities

- Silk screening, negative image & positive image graphics
- Laser etched legends
- Abrasive coating, PC ink coating, epoxy coated keytops (matte or glossy)
- Conductive pills, conductive ink, gold contacts, silver contacts, low contact resistance pills and ink
- Single and dual durometer (material density) available
- Can match any required key or base keypad color based on pantone #, translucent materials available
- Environmental durability with excellent resistance to both heat and low temperature
- Water and contamination proofable

### Required for Quotation

- Customer's drawing/specifications if available, otherwise:
- Dimensional layout
- Height of keys
- Color (pantone #) of keys/legends
- Hardness of keys (durometers)
- With or without carbon pills
- Any special surface treatment
- Estimated annual quantity

### Lead Time

- 3 to 4 weeks for samples after approval of prints
- Production 4 to 6 weeks after approval of samples

### Minimum Order

- \$400 per release