

# ModICE® ME-MX

USCAR 1.5mm

## Technology

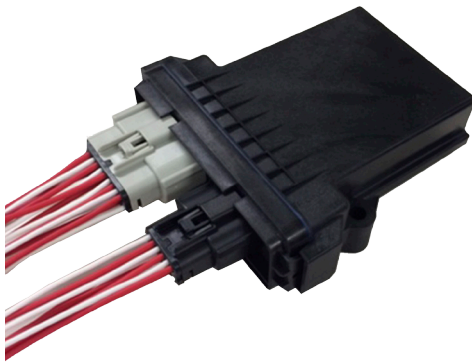
ModICE® is a line of connector enclosures that offers sealed packaging solutions for rugged electronic control modules.

## The ModICE® ME-MX Advantage

- Standard Cinch ME enclosure
- USCAR 1.50mm interface
- Mates to Molex MX150™ 1.5mm connector

## Product Offering

- Main connector - 12, 20, 24, 32 or 40 I/O
- PC board size 4" x 3.35" (103 x 85mm)
- Simple module assembly with snap-in header/PCB
- Enclosure remains sealed even when harness connectors are not mated

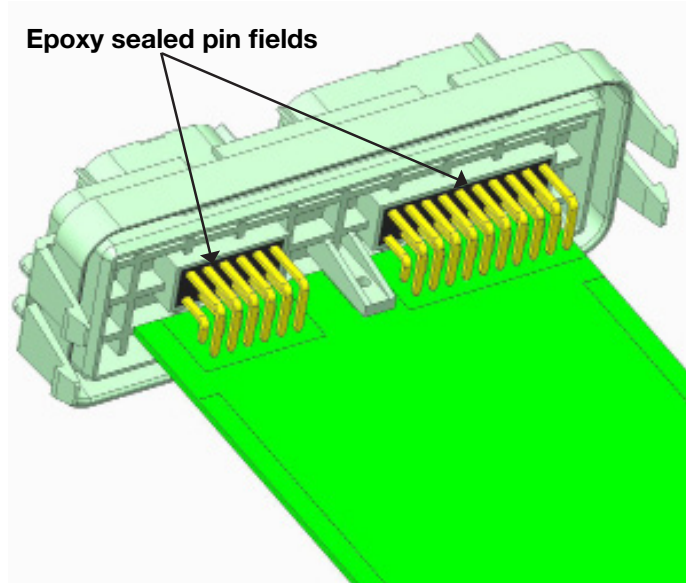
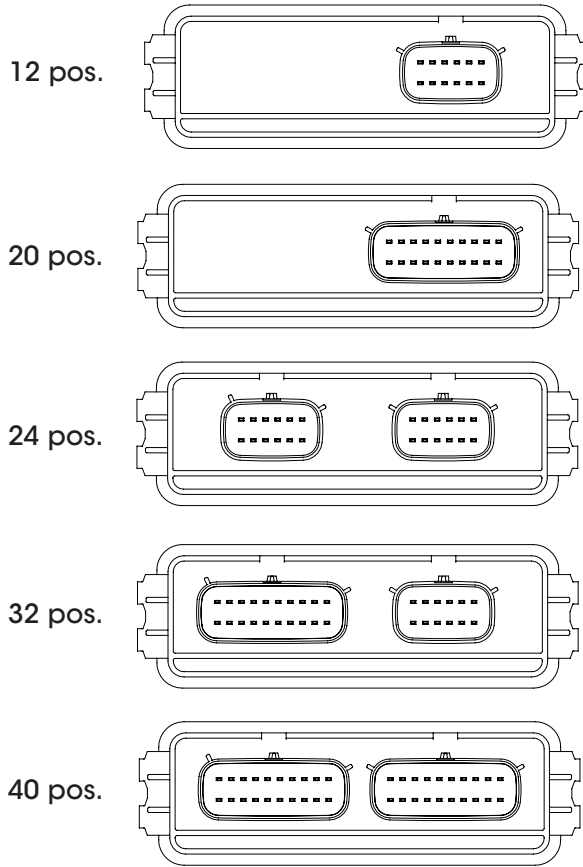


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# Parts and Configurations

## Header I/O Arrangement (Face View)



### Performance Characteristics

|   |                |
|---|----------------|
| Operating temperature                     | -40°C to +85°C |
| Sealing                                   | IP67, IP69K    |
| Current carrying capacity (I/O connector) | 10 Amps        |

### Application Tooling

|            |              |
|------------|--------------|
| 5991111652 | Closing Tool |
| 5991111440 | Opening Tool |

### Enclosure

|            |                         |
|------------|-------------------------|
| 5810130065 | Standard Enclosure      |
| 5810130075 | Enclosure with Breather |

### Header

| Header     | Pos. | Pol.      |
|------------|------|-----------|
| 5810112011 | 12   | 12A       |
| 5810120011 | 20   | 20A       |
| 5810124011 | 24   | 12A + 12B |
| 5810132011 | 32   | 20A + 12B |
| 5810140011 | 40   | 20A + 20B |

### Harness Connector Mates

| Harness Connector Mates | Pos. | Pol.  |
|-------------------------|------|-------|
| Molex 33472-12xx        | 12   | A & B |
| Molex 33472-20xx        | 20   | A & B |

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