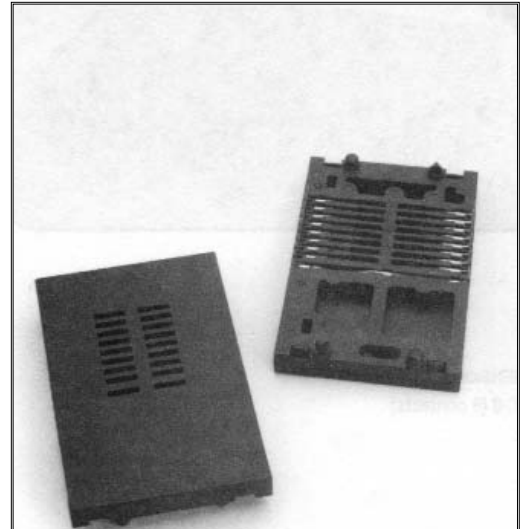


# Smart Card Connector

MSC Series - Excepts ISO 7818 IC Card

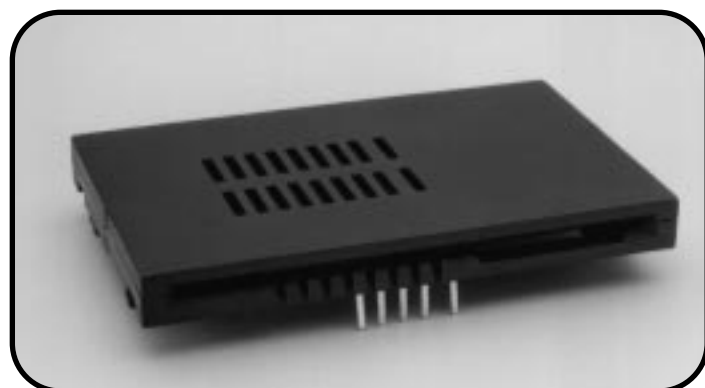
11-2



## SMART CARD CONNECTOR

# MSC Series Excepts ISO 7818 IC Card

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## Performance Specifications

### Materials and Finish

**Insert:** PBT thermoplastic, black color, 30% glass filled, self-extinguishing, 94V-0 rated

**Contact Material:** Phosphor bronze

**Contact Finish:** 30 microinch gold over nickel

### Mechanical Characteristics

**Card Separation Force:** 102 grams minimum

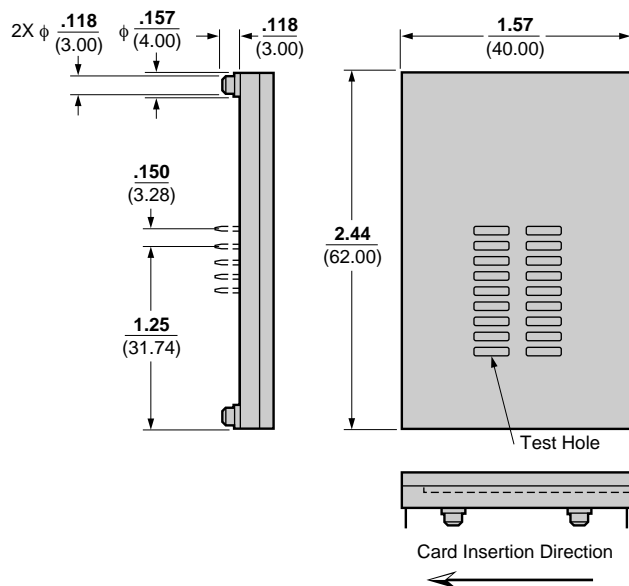
**Card Engagement Force:** 511 grams maximum

### Electrical Characteristics

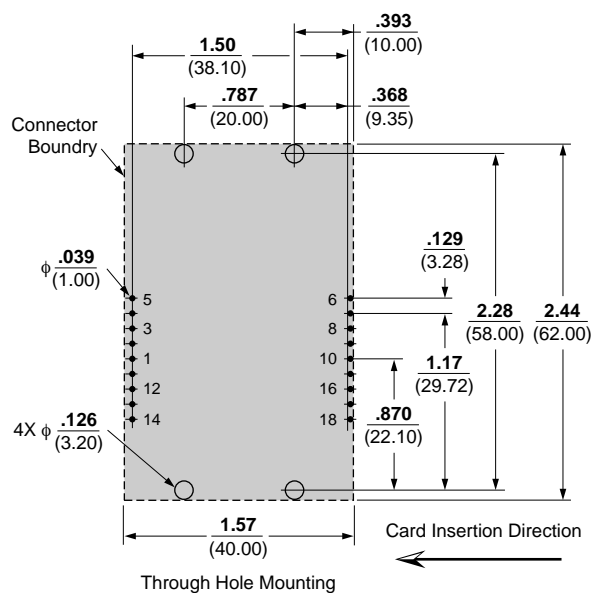
**Temperature Rating:** -40° C to + 100°C

## DIMENSIONS

MSC-8 (8 contacts)



## PCB LAYOUT



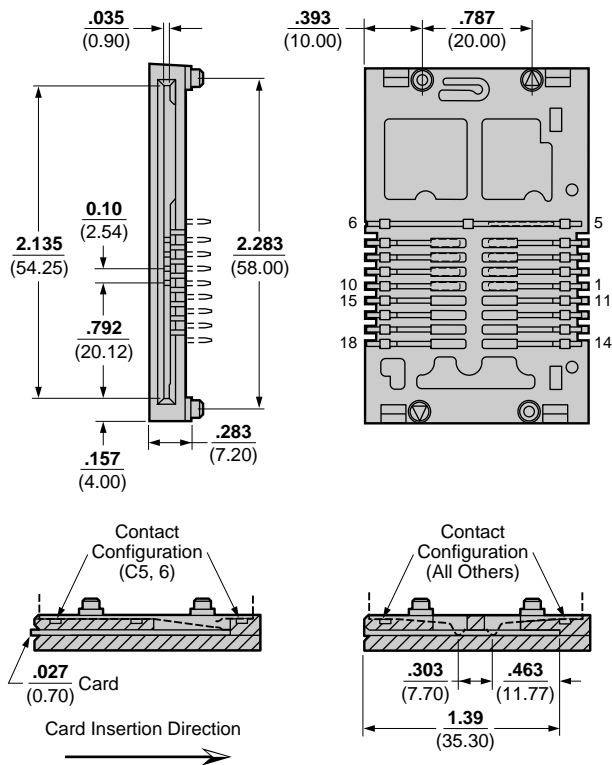
SMART CARD CONNECTOR

MSC Series  
Excepts ISO 7818 IC Card

MAXCONN - [\(Back to Table of Contents\)](#)

DIMENSIONS

MSC-16 (16 contacts)



CARD INSERTION SPECIFICATION

- Card Insertion End to Contact Center: 11.7mm
- Contact Point Species: 7.7mm
- Card Insertion Depth: 35.5mm
- Card Thickness: 1.0mm Maximum