



(0.75 mm) .030"

MTCA-085-02-S-DV-SMT-K-TR

MTCA SERIES

# MICRO TCA CONNECTOR

## SPECIFICATIONS

For complete specifications see [www.samtec.com?MTCA](http://www.samtec.com?MTCA)

### Insulator Material:

LCP

### Terminal Material:

Brass Alloy

### Plating:

Au or Sn over

50  $\mu$  (1.27  $\mu$ m) Ni

### Operating Temp Range:

-55 °C to +125 °C

### Current Rating:

3.1 A per pin

(1 pin powered)

### Voltage Rating:

200 VAC/283 VDC

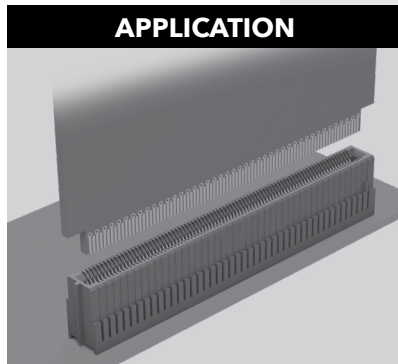
## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



**Mates with:**  
(1.60 mm) .062" thick cards

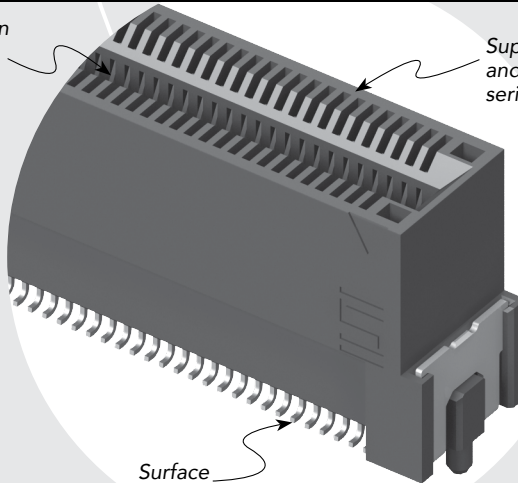
## APPLICATION



Contacts on  
(0.75 mm)  
.030" pitch

Supports hot plugging  
and high-speed  
serial connections

Surface  
Mount

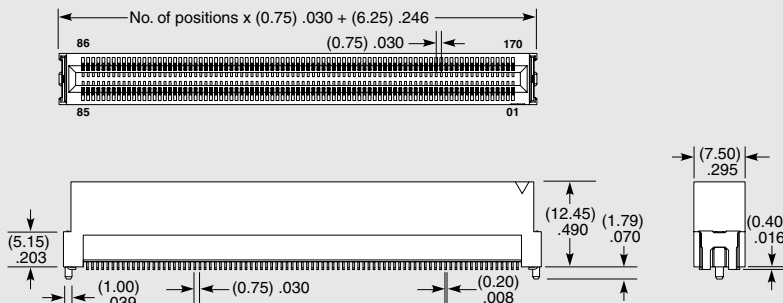


## ALSO AVAILABLE

Contact Samtec

- Additional positions

| MTCA | POSITIONS PER ROW | LEAD STYLE                             | PLATING OPTION  | DV                     | SMT                     | K   | "X"R   |
|------|-------------------|--|---|------------------------|-------------------------|---|--|
|      | -020, -085        | -02<br>= (1.60 mm)<br>.062" Thick Card | -S<br>= 30 $\mu$ "<br>(0.76 $\mu$ m)<br>Gold on contact,<br>Matte Tin on tail | -DV<br>= Dual Vertical | -SMT<br>= Surface Mount | -K<br>= (8.00 mm)<br>.315" DIA<br>Polyimide film Pick & Place Pad | -TR<br>= Tape & Reel<br><br>-FR<br>= Full Reel Tape & Reel (must order max. quantity per reel; Contact Samtec for quantity breaks) |



**Note:**  
Some sizes, styles and options are non-standard, non-returnable.