

# 2mm EJECTOR HEADER EHT SERIES

## SPECIFICATIONS

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

**Insulator Material:**  
Black Liquid Crystal Polymer



**Terminal Material:**  
Phosphor Bronze

**Plating:**  
Sn or Au over 50µ" (1.27µm) Ni

**Current Rating:**  
3A @ 80°C ambient  
**Operating Temp Range:**  
-55°C to +125°C

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

## Processing:

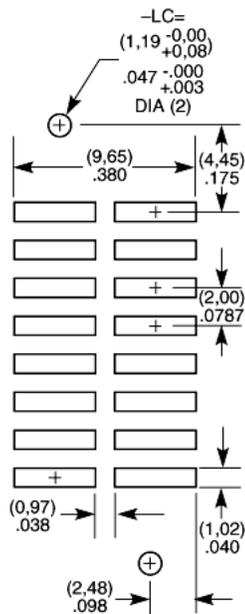
**Max Processing Temp:**  
230°C for 60 seconds, or 260°C for 20 seconds 3x with Matte Sn

**Lead-Free Solderable:**  
Wave, or reflow with Matte Sn plating

**SMT Lead Coplanarity:**  
(0.10mm) .004" max

**Suggested Paste Thickness:**  
For most applications add (0.05mm) .002" to max SMT

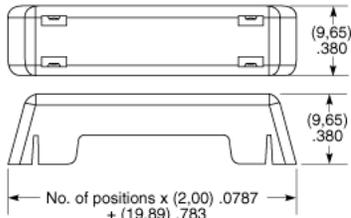
**Suggested PCB Layouts:**  
For reference only. Please contact Samtec or go to [www.samtec.com?EHT](http://www.samtec.com?EHT) for recommended PCB layout.



Mates with:  
TCSD

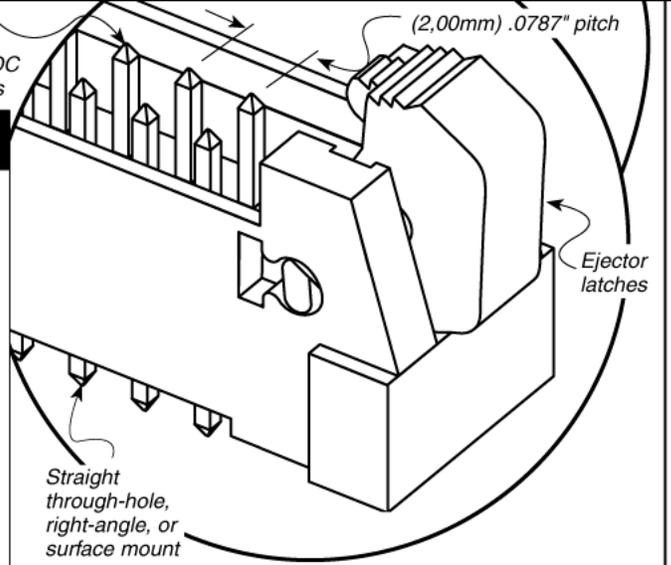
Ten standard sizes mate with common 2mm IDC cable assemblies

## EJECTOR HEADER CAP (Locks TCSD cable to EHT header)



**EC2** - **NO. PINS PER ROW**

05, 08, 10, 12, 13, 15, 17, 20, 22, 25

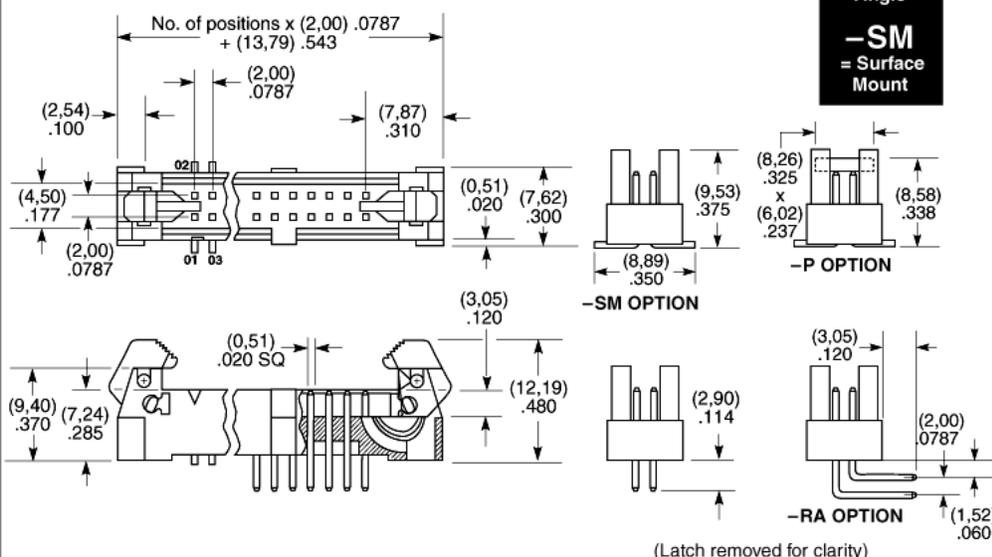


05, 08, 10, 12, 13, 15, 17, 20, 22, 25

-S or -SM = 30µ" (0.76µm) Gold post, Tin (-S) or Matte Tin (-SM) on tail

Leave blank for straight pin  
 -RA = Right Angle  
 -SM = Surface Mount

-"XX"  
 = Polarized Position  
 -LC  
 = Locking Clip (-SM only)  
 -K  
 = (6.50mm) .256" DIA Polyimide Film Pick & Place Pad (-SM only)  
 -P  
 = Pick & Place Pad (-SM only)  
 -TR  
 = Tape & Reel Packaging (-SM only) (-LC not available)



Due to technical progress, all designs, specifications and components are subject to change without notice.

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