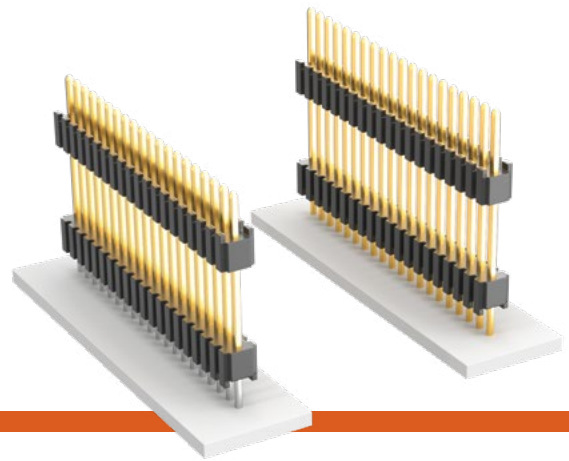


# MICRO BOARD STACKER

(1.27 mm) .050" PITCH • DWM/HDWM SERIES



## DWM/HDWM

**Mates:**  
SMS, SLM, RSM

### SPECIFICATIONS

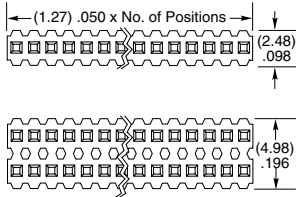
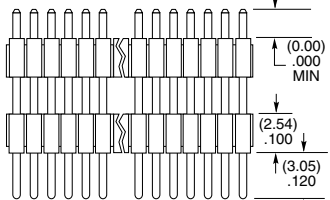
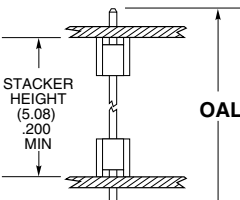
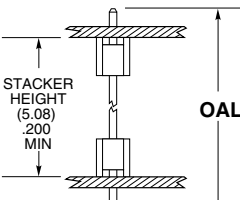
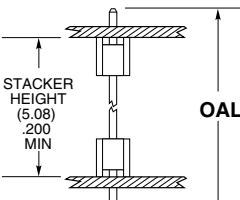
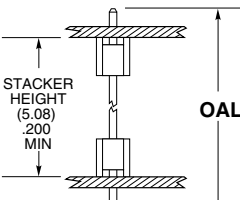
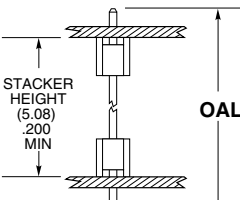
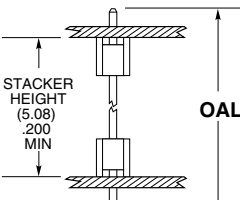
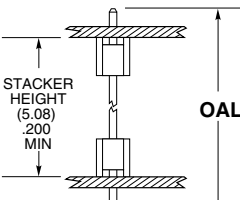
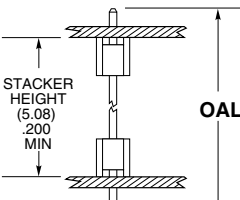
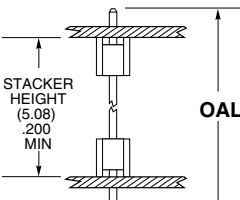
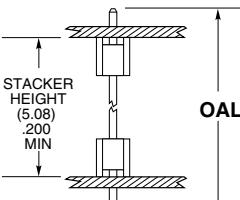
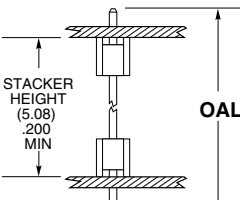
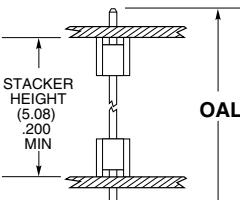
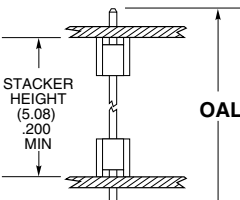
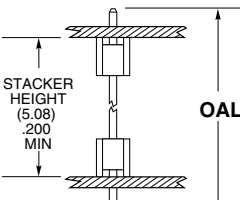
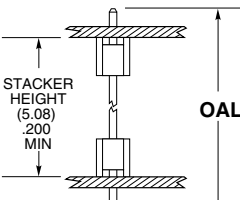
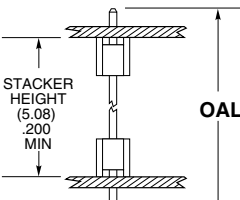
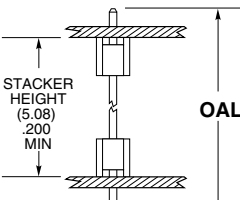
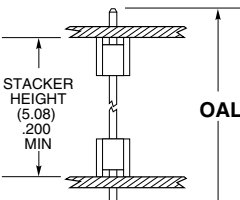
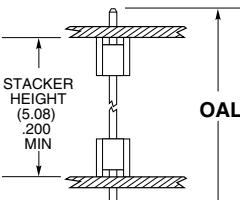
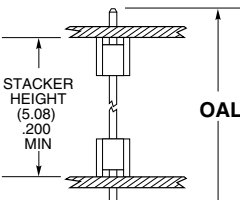
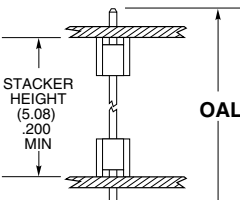
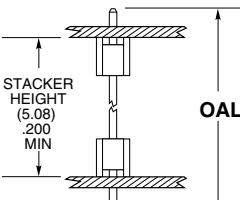
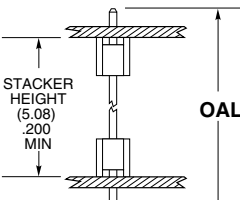
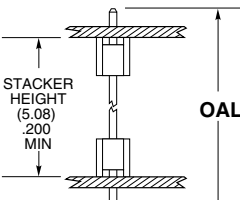
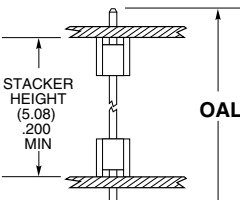
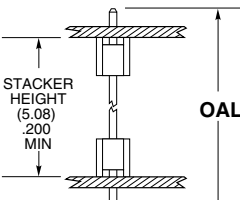
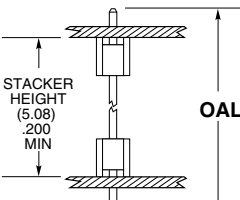
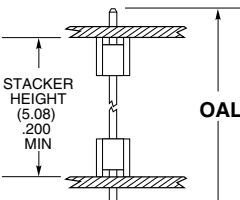
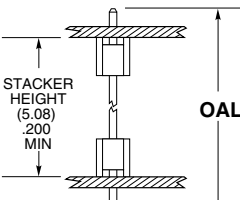
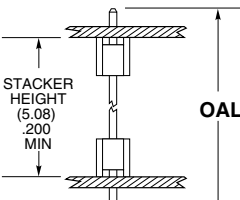
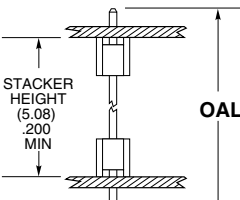
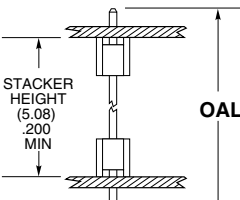
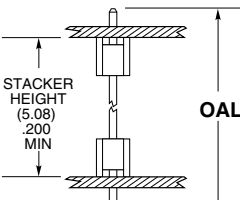
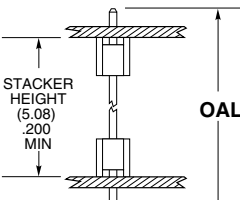
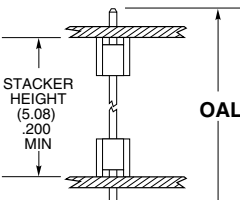
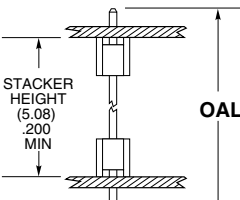
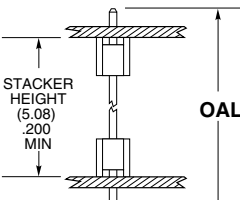
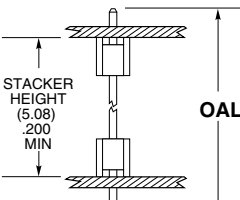
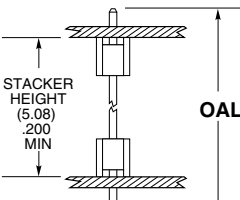
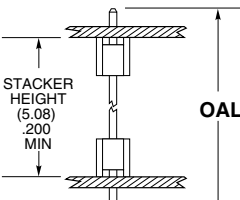
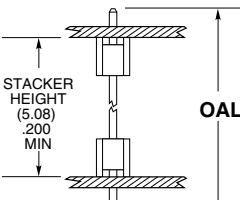
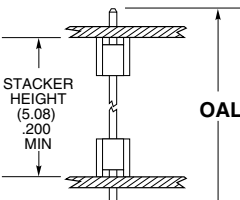
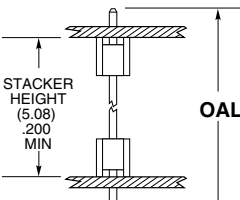
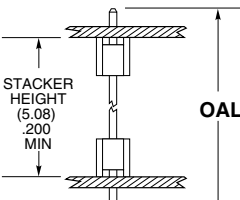
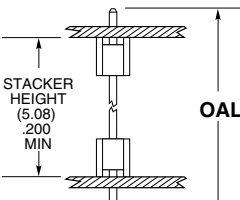
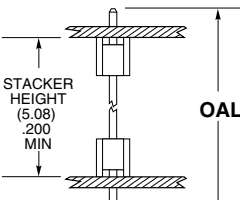
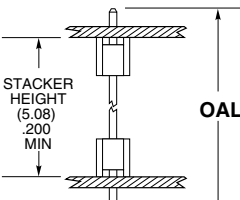
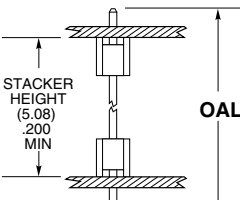
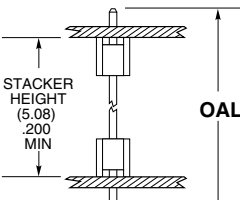
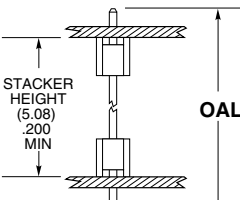
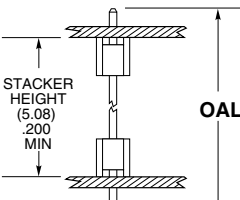
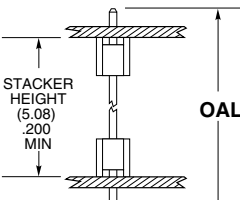
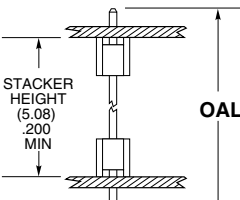
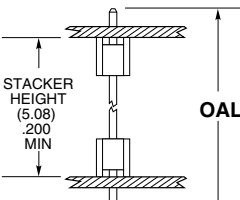
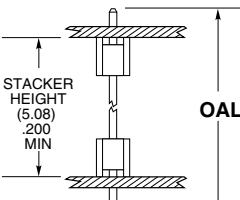
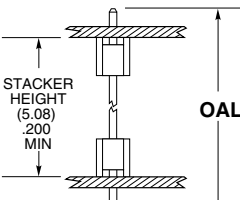
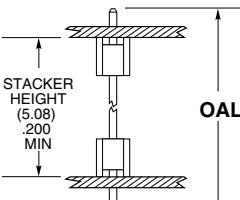
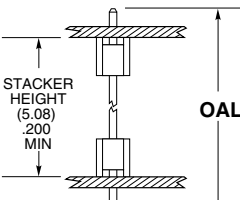
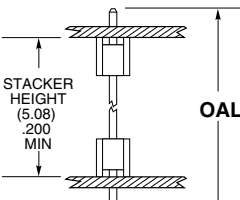
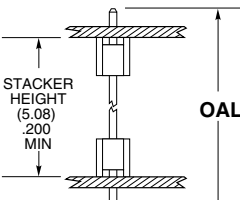
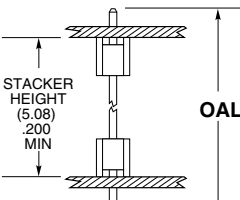
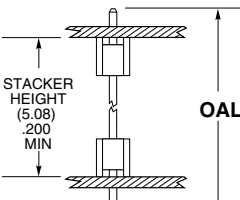
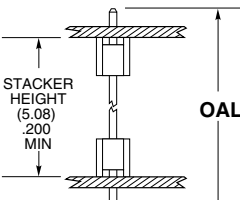
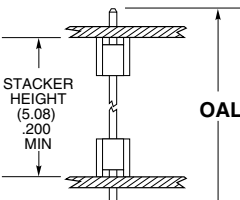
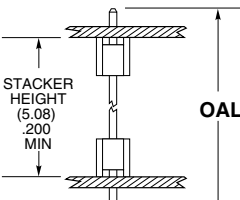
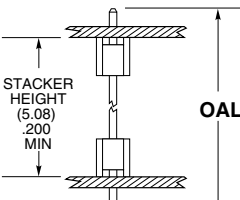
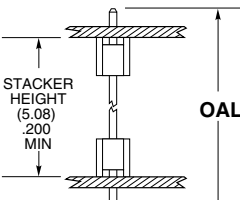
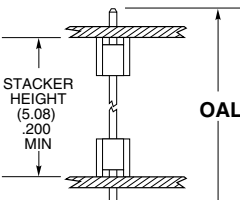
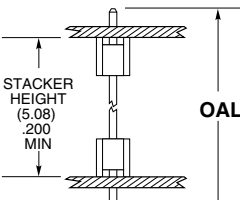
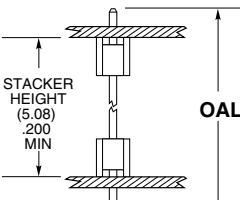
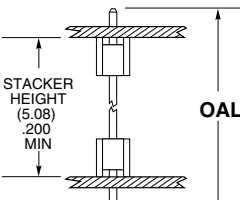
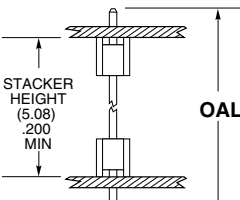
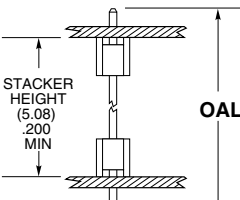
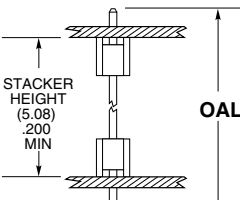
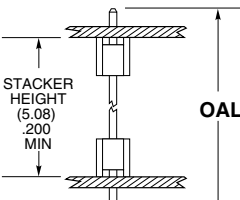
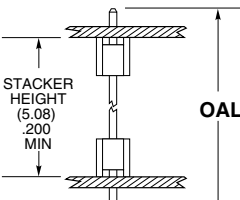
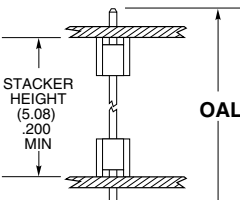
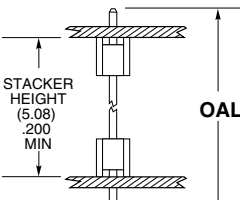
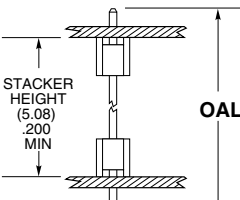
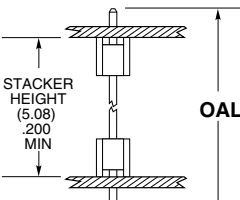
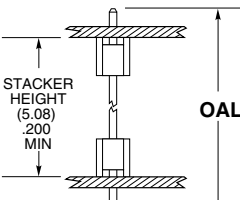
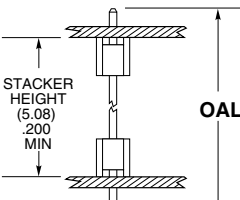
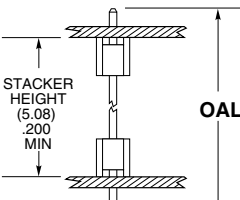
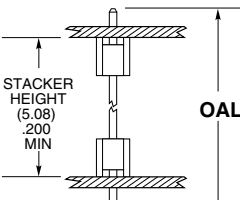
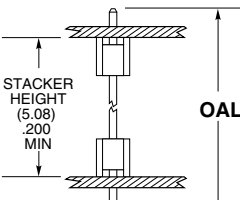
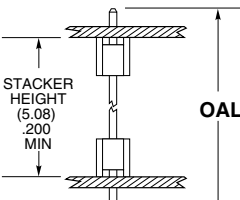
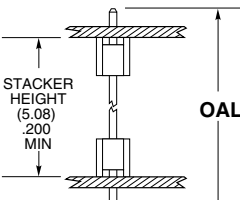
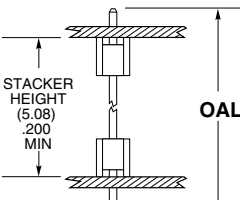
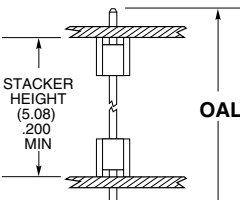
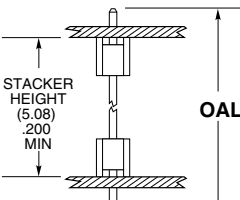
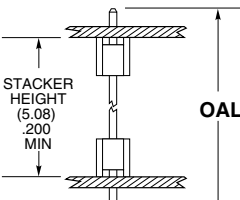
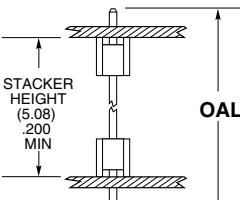
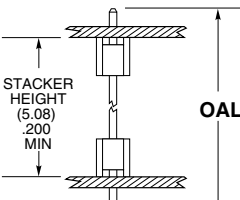
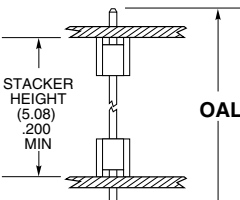
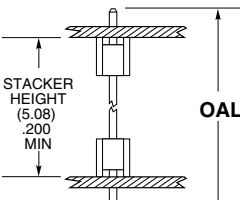
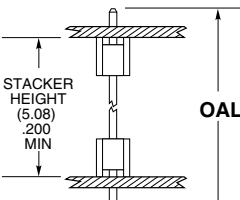
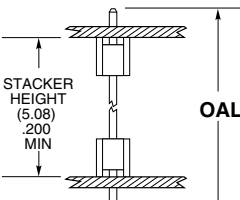
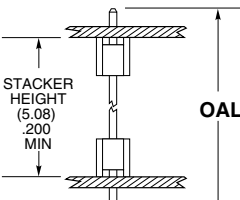
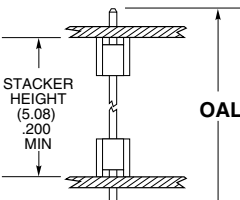
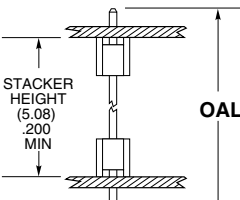
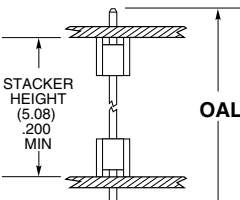
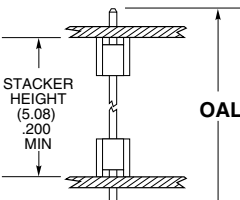
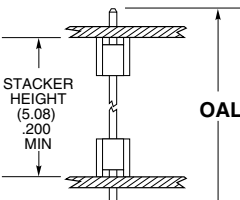
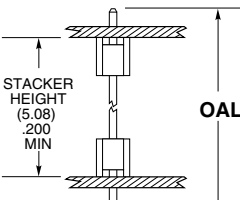
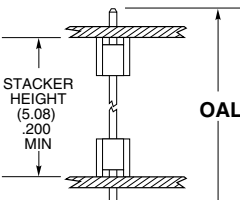
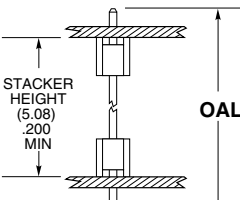
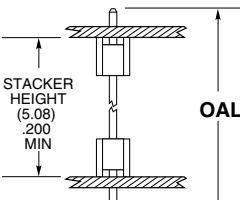
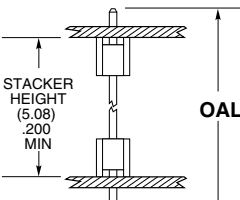
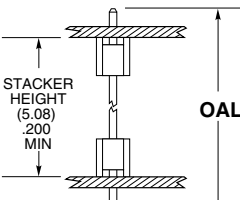
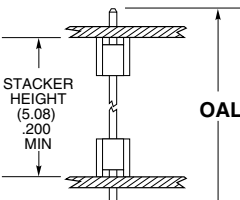
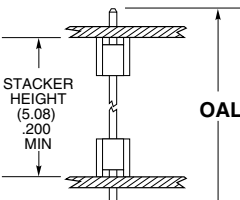
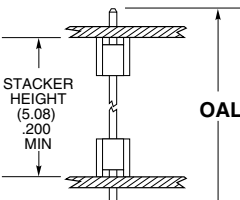
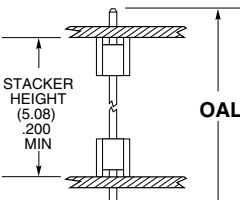
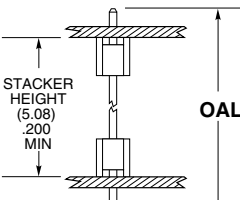
**Insulator Material:**  
Liquid Crystal Polymer  
**Terminal Material:**  
Phosphor Bronze  
**Plating:**  
Au or Sn over 50  $\mu$ " (1.27  $\mu$ m) Ni  
**Operating Temp Range:**  
-55 °C to +105 °C with Tin  
-55 °C to +125 °C with Gold

### PROCESSING

**Lead-Free Solderable:**  
Yes  
**SMT Lead Coplanarity:**  
(0.15 mm) .006" max\*  
\*(.004" stencil solution may be available; contact ipg@samtec.com)

### ALSO AVAILABLE

Other Platings  
(MOQ Required)

| DWM                                                                               | NO. PINS PER ROW | LEAD STYLE                    | PLATING OPTION                                                                                                                                          | ROW OPTION                                                 | STACKER HEIGHT                                                           | OTHER OPTION                                                                |
|-----------------------------------------------------------------------------------|------------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------------------------------------------------|
|                                                                                   | 01 thru 50       | Specify LEAD STYLE from chart | <b>-L</b><br>= 10 μ"<br>(0.25 μm)<br>Gold on contact, Matte Tin on tail<br><br><b>-G</b><br>= 10 μ"<br>(0.25 μm)<br>Gold on contact, Gold flash on tail | <b>-S</b><br>= Single Row<br><br><b>-D</b><br>= Double Row | <b>- "XXX"</b><br>= Stacker Height<br>Example:<br>-200 = (5.08 mm) .200" | <b>- "XXX"</b><br>= Polarized Position<br>(Specify position of omitted pin) |
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