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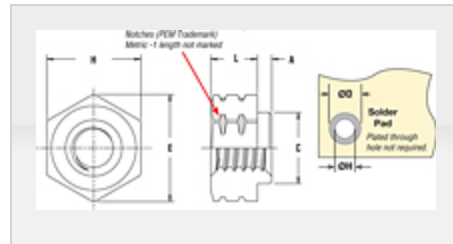
## Part # SMTSO-080-2ET, ReelFast® microPEM® Surface Mount Nuts / Standoffs - Type SMTSO Unified

Surface mount ReelFast® microPEM® (Type SMTSO™) fasteners for compact electronic assemblies attach to P.C. Boards for nut/standoff applications. These fasteners mount on P.C. Boards in the same manner and at the same time as other surface mount components prior to the automated reflow solder process. The fasteners simply become another board component.

### Features and Benefits

- Hex shaped barrel provides larger solder area.
- Provided on tape and reel.
- Reduces board handling.
- Smallest thread size: M1 / #0

[+ more](#)



### Specifications

**Thread Size** .060-80 (#0-80)

**Thread Code** 080

**Length Code** 2

**L - Length ± .005** .062 in



|  |  |
|--|--|
| <b>Min. Sheet Thickness</b>                    | .020 in  |
| <b>A Max.</b>                                  | .019 in  |
| <b>C Max.</b>                                  | .095 in  |
| <b>E ± .005</b>                                | .144 in  |
| <b>øH - Hole Size in Sheet + .003 - .000</b>   | .098 in  |
| <b>øD - Min. Solder Pad</b>                    | .165 in  |
| <b>Parts per Reel</b>                          | 3500   |
| <b>Pitch</b>                                   | 8.00 mm  |
| <b>For Use in Sheet Hardness<sup>(1)</sup></b> | Not Applicable   |
| <b>Thread Specification</b>                    | Unified ASME B1.1, 2B  |
| <b>Fastener Material</b>                       | Carbon Steel   |
| <b>Standard Finish</b>                         | Electro-Plated Tin, ASTM B545, Class A with Clear Preservative Coating, Annealed |
| <b>CAD Supplier</b>                            | PennEngineering® (PEM®)  |

<sup>1</sup> HRB - Hardness Rockwell "B" Scale. HB - Hardness Brinell.