



## PennEngineering

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## Part # KFH-M5-18ET, Broaching Studs - Type KFH - Metric

No matter how sophisticated or advanced, electronic components must be attached reliably and securely if they are to deliver optimum performance. We offer several fastener products for use with PC boards to satisfy component-to-board, board-to-board, and board-to-chassis attachment needs.

Threaded broaching studs for use as solderable connectors or as permanently mounted studs on PC boards.



### Specifications

<b>Thread Size x Pitch</b>	M5 x 0.8	
<b>L - Length <math>\pm</math> 0.25</b>	18 mm	
<b>A (Shank) Max.</b>	1.65 mm	
<b>Min. Sheet Thickness</b>	1.53 mm	
<b>Hole Size in Sheet + 0.08</b>	5 mm	
<b>Max. Hole Size in Attached Parts</b>	5.80 mm	
<b>H <math>\pm</math> 0.25</b>	6.60 mm	
<b>S Max.</b>	2.30 mm	
<b>T <math>\pm</math> 0.13</b>	0.51 mm	
<b>Min. Dist. Hole C/L to Edge</b>	5.30 mm	
<b>For Use in Sheet Hardness<sup>1</sup></b>	HRB 55 / HB 83 or Less PC Board	
<b>Thread Specification</b>	External, ASME B1.13M, 6g	
<b>Fastener Material</b>	CDA-510 Phosphor Bronze	
<b>Standard Finish</b>	Electro-Plated Tin, ASTM B545, Class B with	Preservative Coating, Annealed

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