

## AMPMODU

### 2mm Centerline (AMPMODU) Board-to-Board Connectors

AMP 4-178696-9 Active [Active](#)

[Not Reviewed for ELV/RoHS Compliance](#)

**(Tyco Electronics P/N: 4-178696-9)**

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Related Part Information		
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Searchable Features:	
<b>Brand:</b>	AMP
<b>RoHS/ELV Compliance:</b>	Not reviewed for compliance
<b>Product Type:</b>	Header
<b>PCB Mount Style:</b>	Thru Hole
<b>Header Type:</b>	Breakaway
<b>Shrouded:</b>	No
<b>No. of Positions:</b>	50
<b>PCB Mount Angle:</b>	Vertical
<b>Keyed:</b>	Yes
<b>Contact Mating Area Plating:</b>	Gold (8) over Nickel (50)
<b>Mating Post Length (mm [in]):</b>	4.00 [0.158]

Other Properties:	
<b>Contact Material:</b>	Copper Alloy
<b>Housing Material:</b>	High Temperature Thermoplastic
<b>Housing Material Flammability Rating:</b>	UL 94V-0
<b>Centerline, Matrix (mm [in]):</b>	2.00 x 2.00 [.079 x .079]
<b>Housing Color:</b>	Black
<b>Solder Tail Plating:</b>	Tin-Lead over Nickel
<b>PCB Thickness (mm [in]):</b>	0.80 [0.032]
<b>Post Size (mm [in]):</b>	0.50 [.020]
<b>PCB Retention Feature:</b>	Without
<b>Contact Shape:</b>	Square
<b>Selectively Loaded:</b>	Yes

<b>Termination Post Length (mm [in]):</b>	1.80 [0.071]
<b>Holddown Feature:</b>	Without
<b>Post Number(s) Omitted:</b>	5, 6, 26
<b>Packaging Method:</b>	Bulk

<b>No. of Rows:</b>	2
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# i2 Technologies US, Inc.

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