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## MT Interconnection System

### MTIS (MT Interconnection System)

AMP **1-827863-1** [Active](#) [Active](#)

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

**(Tyco Electronics P/N: 1-827863-1)**

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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>Lead Free Solder Process:</b>	Not reviewed for lead free solder process
<b>Product Type:</b>	Connector
<b>No. of Positions:</b>	11
<b>No. of Rows:</b>	Single
<b>Wire Range (Solid) (mm [AWG]):</b>	0.40-0.50
<b>Wire Range (Stranded) (mm<sup>2</sup> [AWG]):</b>	0.22-0.25 <sup>2</sup> [7 x]
<b>Color:</b>	Black
<b>Daisy Chain:</b>	Without
<b>Terminate To:</b>	Wire
<b>Keyed:</b>	No
<b>Contact Mating Area Plating:</b>	Pre-Tin
<b>Mounting Ears:</b>	Without

Other Properties:	
<b>Centerline (mm [in]):</b>	2.50 [0.098]
<b>Insulation Diameter (mm [in]):</b>	1.09-1.30 [.043-.051]
<b>Connector Style:</b>	Wire to Post
<b>Contact Material:</b>	Phosphor Bronze
<b>Housing Material:</b>	Thermoplastic Polyester
<b>Packaging Quantity:</b>	2,000

<b>Mating Connector Lock:</b>	Without
<b>Packaging Method:</b>	Tape Mounted on Reel

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# i2 Technologies US, Inc.

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