

# 2M801 High Speed Dual-Start ACME Threads

## Ordering Guide for High Speed 2M801



The 2M801 High Speed Series of connectors is ideal for use in USB 2.0, eSATA and other high speed databus applications. These connectors utilize Teflon-based inserts that are optimized for high speed capability. Multiple standard insert arrangements are available. Ideal for applications where space is limited and a high speed interconnect is needed. This series features plugs with or without anti-decoupling mechanisms and a Dual-Start ACME thread that provides full mating in 1 1/2 turns. Plugs and receptacles are provided in two different shell styles to accommodate the attachment of backshell with rear accessory threads or with integral banding platform. The integral banding platform allows for use of EMI shielding attachments and/or overmolding. Contact termination styles include Crimp, PC Tail and Solder Cup.



1.	2.	3.	4.	5.	6.
SERIES	SHELL STYLE	SERVICE CLASS	SHELL SIZE-INSERT AGGMT	CONTACTS	KEYING
2M801-037	-01	M	7-10	P	A

### 1. SERIES

Type	Part #	Description
CRIMP	<b>PLUG</b>	
	2M801-036	Plug with Integral Backshell
	2M801-039	Plug with Accessory Threads
	<b>RECEPTACLE</b>	
	2M801-037	Receptacle with Banding Platform
PCB/SOLDER	2M801-040	Receptacle with Accessory Threads
	2M801-038	Receptacle for Solder Cup or PCB Termination with Epoxy Potting

### PCB/SOLDER

PCB/SOLDER	2M801-038	Receptacle for Solder Cup or PCB Termination with Epoxy Potting
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### 2. SHELL STYLE

Part #	Description
<b>PLUG</b>	
-16	Anti-Decoupling
-26	Self-Locking Ratchet
<b>RECEPTACLE</b>	
-01	In-Line**
-02	Square Flange
-07	Jam Nut

\*add "-501" as a suffix to the Jam Nut Part number to include a Hex Nut instead of a Spanner Nut.

### 3. SERVICE CLASS

Material	Part #	Description	RoHS
ALUMINUM	M	Electroless Nickel	
	NF	Olive Drab Cadmium	
	MT	Durmalon (Ni PTFE)	
	ZN	Olive Drab Zinc Nickel	
	ZNU	Black Zinc Nickel	
STAINLESS STEEL	Z1	Passivated	

### 4. SHELL SIZE-INSERT ARRANGEMENT

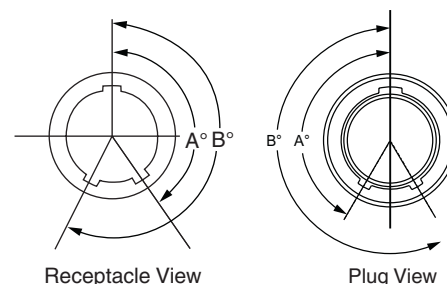
7-10	
9-19	
10-26	

### 5. CONTACTS

Style	Part #	Description
CRIMP	P	Pin
	S	Socket
	A	Pin-Less Contacts
	B	Socket-Less Contacts

### 6. KEYING

Part #	A°	B°
A	150°	210°
B	75°	210°
C	95°	230°
D	140°	275°
E	75°	275°
F	95°	210°



For additional assistance building a part number and for 3D models, please visit [www.amphenol-aerospace.com](http://www.amphenol-aerospace.com) to access our 2M configurator.

Contact Amphenol Aerospace for more information at 800-678-0141 • [www.amphenol-aerospace.com](http://www.amphenol-aerospace.com)

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