

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 3.0, eSATA and other high speed databus applications where space is limited. These connectors utilize Fluoropolymer inserts that are optimized for high speed capability. Multiple insert arrangements are available right out of the catalog. This series features plugs with either an anti-decoupling or self-locking ratchet mechanism and a Dual-Start ACME thread that provides full mating in 1 1/2 turns. Plugs and receptacles are each available in two shell styles. The integral banding platform allows for direct termination of EMI shielding attachments and also allows for overmolding. Rear threads are also available for the attachment of backshells and other accessories. Contact termination styles include Crimp, PC Tail and Solder Cup.



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

1. SERIES

Type	Part #	Description
CRIMP	PLUG	
	2M801-036	Plug with Integral Backshell
	2M801-039	Plug with Accessory Threads
	RECEPTACLE	
	2M801-037	Receptacle with Banding Platform
	2M801-040	Receptacle with Accessory Threads

PCB/SOLDER

Type	Part #	Description
PCB/SOLDER	2M801-038	Receptacle for Solder Cup or PCB Termination with Epoxy Potting

2. SHELL STYLE

Part #	Description
PLUG	
-16	Anti-Decoupling
-26	Self-Locking Ratchet
RECEPTACLE	
-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

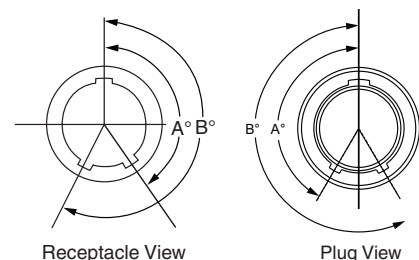
7-10	
9-19	
10-26	

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 to access our 2M configurator.