

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

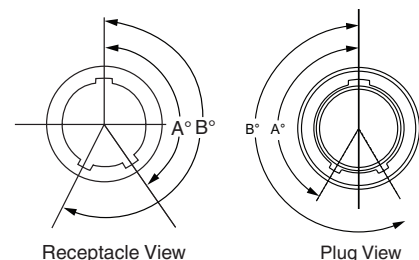
| | |
|-------|--|
| 7-10 | |
| 9-19 | |
| 10-26 | |

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.