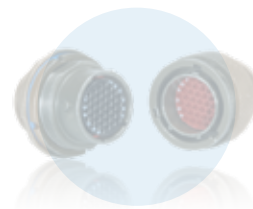
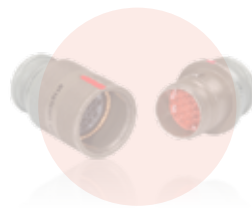
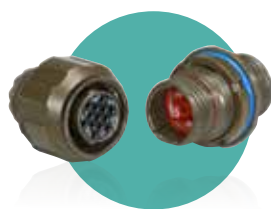


COMPLETE 2M SERIES BY AMPHENOL

Selection table



| SERIES | 2M801 | 2M805 | 2M804 | 2M803 |
|------------------------|--|--|--|---|
| Type | Dual-Start ACME Thread | Tri-Start ACME Thread | Push-Pull | Bayonet |
| Description | More rugged keys and threads. Faster mating. | "Anti-Decoupling" ratchet mechanism and ground spring for military airframes and avionics boxes. Fast mating | Breakaway connector for headsets and tactical equipment. Gold-plated spring for long mating life and superior EMI shielding. | Quick-mating, light duty, general purpose. Not rated for immersion, 50 milliohms shell-to-shell resistance. |
| Contacts | 1 to 130 | 1 to 130 | 1 to 85 | 1 to 55 |
| Coupling | Threaded Coupling with 1 1/2 Turns to Full Mate | Tri-Start Thread | Push-Pull Quick-Disconnect | 1/4 turn lock Bayonet |
| Water immersion, mated | MIL-STD-810 Method 512 1 Meter for 1 Hour IPX8 | MIL-STD-810 Method 512 1 Meter for 1 Hour IPX8 | MIL-STD-810 Method 512 1 Meter for 1 Hour IPX8 | Splashproof IPX6 |
| EMI Shielding | Very Good | Excellent | Excellent | Fair |
| Vibration and shock | 43.9 g's Random Vibration, Sine Vibration 60 g; 300 g's Shock | 43.9 g's Random Vibration, Sine Vibration 60 g; 300 g's Shock | 37 g's Random Vibration; 300 g's Shock | 37 g's Random Vibration; 300 g's Shock |
| Mating cycles | 2000 Cycles (-16 Plugs) 500 Cycles (-26 Plugs) | 500 Cycles | 2000 Cycles | 1000 Cycles Aluminum 2000 Cycles Stainless Steel |
| Electrical performance | #12: 23 AMP, 1800 VAC #16: 13 AMP, 1800 VAC #20: 7.5 AMP, 750 VAC #23: 5 AMP, 500 VAC | #12: 23 AMP, 1800 VAC #16: 13 AMP, 1800 VAC #20: 7.5 AMP, 750 VAC #23: 5 AMP, 500 VAC | #12: 23 AMP, 1800 VAC #16: 13 AMP, 1800 VAC #20: 7.5 AMP, 750 VAC #23: 5 AMP, 500 VAC | #12: 23 AMP, 1800 VAC #16: 13 AMP, 1800 VAC #20: 7.5 AMP, 750 VAC #23: 5 AMP, 500 VAC |

Available at Amphenol Aerospace
Please consult us for resales

SELECTION OF INSERT ARRANGEMENTS

Front face of male insert shown

| Contact Size | 12 | 16 | 20HD | 23 |
|--------------|----|----|------|----|
| Caption | | | | |



COMING SOON



| | |
|-----------------------|-----|
| 2M801 | 5-3 |
| 2M805 | NA |
| Nbr of contacts | 3 |
| Contacts sizes | #23 |
| DWV Voltage (VAC) | 750 |
| Current Rating (Amps) | 5 |

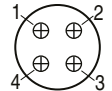
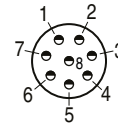
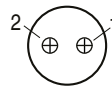
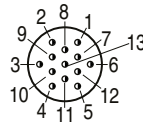
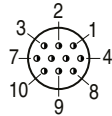
| | |
|-----------------------|------|
| 2M801 | 6-1 |
| 2M805 | 8-1 |
| Nbr of contacts | 1 |
| Contacts sizes | #16 |
| DWV Voltage (VAC) | 1800 |
| Current Rating (Amps) | 13 |

| | |
|-----------------------|-------|
| 2M801 | 6-23 |
| 2M805 | 8-23 |
| Nbr of contacts | 3 |
| Contacts sizes | #20HD |
| DWV Voltage (VAC) | 1000 |
| Current Rating (Amps) | 7.5 |

| | |
|-----------------------|-----|
| 2M801 | 6-4 |
| 2M805 | 8-4 |
| Nbr of contacts | 4 |
| Contacts sizes | #23 |
| DWV Voltage (VAC) | 750 |
| Current Rating (Amps) | 5 |

| | |
|-----------------------|-----|
| 2M801 | 6-6 |
| 2M805 | 8-6 |
| Nbr of contacts | 6 |
| Contacts sizes | #23 |
| DWV Voltage (VAC) | 750 |
| Current Rating (Amps) | 5 |

| | |
|-----------------------|-----|
| 2M801 | 6-7 |
| 2M805 | 8-7 |
| Nbr of contacts | 7 |
| Contacts sizes | #23 |
| DWV Voltage (VAC) | 750 |
| Current Rating (Amps) | 5 |



| | |
|-----------------------|------|
| 2M801 | 7-10 |
| 2M805 | 9-10 |
| Nbr of contacts | 10 |
| Contacts sizes | #23 |
| DWV Voltage (VAC) | 750 |
| Current Rating (Amps) | 5 |

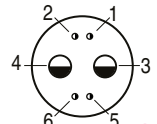
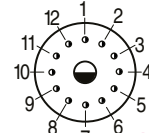
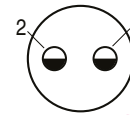
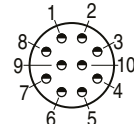
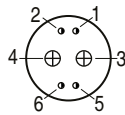
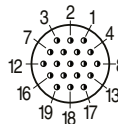
| | |
|-----------------------|-------|
| 2M801 | 7-25 |
| 2M805 | 9-25 |
| Nbr of contacts | 5 |
| Contacts sizes | #20HD |
| DWV Voltage (VAC) | 1000 |
| Current Rating (Amps) | 7.5 |

| | |
|-----------------------|-------|
| 2M801 | 8-13 |
| 2M805 | 10-13 |
| Nbr of contacts | 13 |
| Contacts sizes | #23 |
| DWV Voltage (VAC) | 750 |
| Current Rating (Amps) | 5 |

| | |
|-----------------------|------|
| 2M801 | 8-2 |
| 2M805 | 10-2 |
| Nbr of contacts | 2 |
| Contacts sizes | #16 |
| DWV Voltage (VAC) | 1800 |
| Current Rating (Amps) | 13 |

| | |
|-----------------------|-------|
| 2M801 | 8-28 |
| 2M805 | 10-28 |
| Nbr of contacts | 8 |
| Contacts sizes | #20HD |
| DWV Voltage (VAC) | 1000 |
| Current Rating (Amps) | 7.5 |

| | |
|-----------------------|------|
| 2M801 | 9-4 |
| 2M805 | 11-4 |
| Nbr of contacts | 4 |
| Contacts sizes | #16 |
| DWV Voltage (VAC) | 1800 |
| Current Rating (Amps) | 13 |



| | |
|-----------------------|-------|
| 2M801 | 9-19 |
| 2M805 | 11-19 |
| Nbr of contacts | 19 |
| Contacts sizes | #23 |
| DWV Voltage (VAC) | 750 |
| Current Rating (Amps) | 5 |

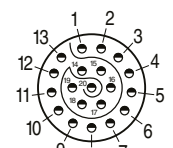
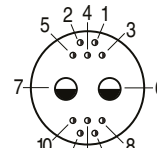
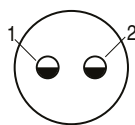
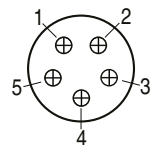
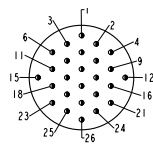
| | |
|-----------------------|----------|
| 2M801 | 9-200 |
| 2M805 | 11-200 |
| Nbr of contacts | 2 4 |
| Contacts sizes | #16 #23 |
| DWV Voltage (VAC) | 1800 750 |
| Current Rating (Amps) | 5 13 |

| | |
|-----------------------|--------|
| 2M801 | 9-210 |
| 2M805 | 11-210 |
| Nbr of contacts | 10 |
| Contacts sizes | #20HD |
| DWV Voltage (VAC) | 1000 |
| Current Rating (Amps) | 7.5 |

| | |
|-----------------------|------|
| 2M801 | 10-2 |
| 2M805 | 12-2 |
| Nbr of contacts | 2 |
| Contacts sizes | #12 |
| DWV Voltage (VAC) | 1800 |
| Current Rating (Amps) | 13 |

| | |
|-----------------------|----------|
| 2M801 | 10-200 |
| 2M805 | 12-200 |
| Nbr of contacts | 1 4 |
| Contacts sizes | #12 #23 |
| DWV Voltage (VAC) | 1800 750 |
| Current Rating (Amps) | 23 5 |

| | |
|-----------------------|----------|
| 2M801 | 10-201 |
| 2M805 | 12-201 |
| Nbr of contacts | 2 4 |
| Contacts sizes | #12 #23 |
| DWV Voltage (VAC) | 1800 750 |
| Current Rating (Amps) | 23 5 |



| | |
|-----------------------|-------|
| 2M801 | 10-26 |
| 2M805 | 12-26 |
| Nbr of contacts | 26 |
| Contacts sizes | #23 |
| DWV Voltage (VAC) | 750 |
| Current Rating (Amps) | 5 |

| | |
|-----------------------|------|
| 2M801 | 10-5 |
| 2M805 | 12-5 |
| Nbr of contacts | 5 |
| Contacts sizes | #16 |
| DWV Voltage (VAC) | 1800 |
| Current Rating (Amps) | 13 |

| | |
|-----------------------|------|
| 2M801 | 13-2 |
| 2M805 | 15-2 |
| Nbr of contacts | 2 |
| Contacts sizes | #12 |
| DWV Voltage (VAC) | 1800 |
| Current Rating (Amps) | 23 |

| | |
|-----------------------|----------|
| 2M801 | 13-201 |
| 2M805 | 15-201 |
| Nbr of contacts | 2 10 |
| Contacts sizes | #12 #23 |
| DWV Voltage (VAC) | 1800 750 |
| Current Rating (Amps) | 23 5 |

| | |
|-----------------------|--------|
| 2M801 | 13-220 |
| 2M805 | 15-220 |
| Nbr of contacts | 20 |
| Contacts sizes | #20HD |
| DWV Voltage (VAC) | 1000 |
| Current Rating (Amps) | 7.5 |

All dimensions are given for information only and are in mm

SELECTION OF INSERT ARRANGEMENTS

Front face of male insert shown

| Contact Size | 12 | 16 | 20HD | 23 |
|--------------|----|----|------|----|
| Caption | | | | |

| | | | | |
|-----------------------|--|---|---|--|
| | | | | |
| 2M801 | 13-37 | 13-7 | 16-12 NEW | 16-235 NEW |
| 2M805 | 15-37 | 15-7 | 18-12 | 18-235 |
| Nbr of contacts | 37 | 7 | 12 | 35 |
| Contacts sizes | #23 | #16 | #16 | #20HD |
| DWV Voltage (VAC) | 750 | 1800 | 1800 | 1000 |
| Current Rating (Amps) | 5 | 13 | 13 | 5 |
| | | | | |
| 2M801 | 16-5 NEW | 16-55 NEW | 17-7 COMING SOON | 17-85 COMING SOON |
| 2M805 | 18-5 | 18-55 | 19-7 | 19-85 |
| Nbr of contacts | 5 | 55 | 7 | 85 |
| Contacts sizes | #12 | #23 | #12 | #23 |
| DWV Voltage (VAC) | 1800 | 750 | 1800 | 750 |
| Current Rating (Amps) | 23 | 5 | 23 | 5 |
| | | | | |
| 2M801 | 21-12 COMING SOON | 21-130 COMING SOON | 21-269 COMING SOON | |
| 2M805 | 23-12 | 23-130 | 21-269 | |
| Nbr of contacts | 12 | 130 | 69 | |
| Contacts sizes | #12 | #23 | #20HD | |
| DWV Voltage (VAC) | 1800 | 750 | 750 | |
| Current Rating (Amps) | 23 | 5 | 7.5 | |

All dimensions are given for information only and are in mm

SELECTION OF INSERT ARRANGEMENTS

Not tooled insert arrangements (contact us for availability)

Technical Characteristics

2M805

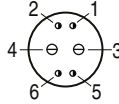
2M801

Accessories

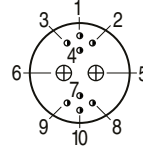
How to order



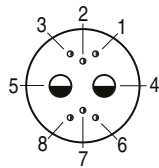
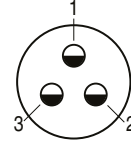
| |
|-----------------------|
| 2M801 |
| 2M805 |
| Nbr of contacts |
| Contacts sizes |
| DWV Voltage (VAC) |
| Current Rating (Amps) |



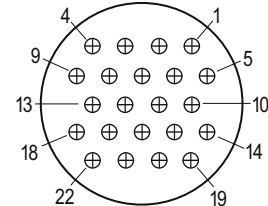
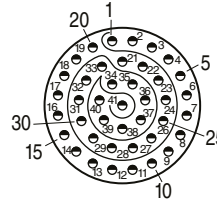
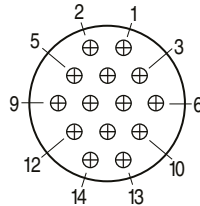
| | |
|------------|---------------|
| 7-1 | 8-200 |
| 9-1 | 10-200 |
| 1 | 2 4 |
| #12 | #20 #23 |
| 1800 | 1000 750 |
| 23 | 7 5 |



| | |
|---------------|-------------|
| 10-202 | 13-3 |
| 12-202 | 15-3 |
| 2 8 | 3 |
| #16 #23 | #12 |
| 1800 750 | 1800 |
| 13 5 | 23 |



| | | | | |
|-----------------------|---------------|--------------|---------------|--------------|
| 2M801 | 13-200 | 17-14 | 17-241 | 21-22 |
| 2M805 | 15-200 | 19-14 | 19-241 | 23-22 |
| Nbr of contacts | 2 6 | 14 | 41 | 22 |
| Contacts sizes | #12 #23 | #16 | #20HD | #16 |
| DWV Voltage (VAC) | 1800 750 | 1800 | 750 | 1800 |
| Current Rating (Amps) | 23 5 | 13 | 7.5 | 13 |



All dimensions are given for information only and are in mm

Due to technical modifications, all information provided is subject to change without prior notice
Designed by Amphenol Socapex

SELECTION OF INSERT ARRANGEMENTS

Insert arrangements table

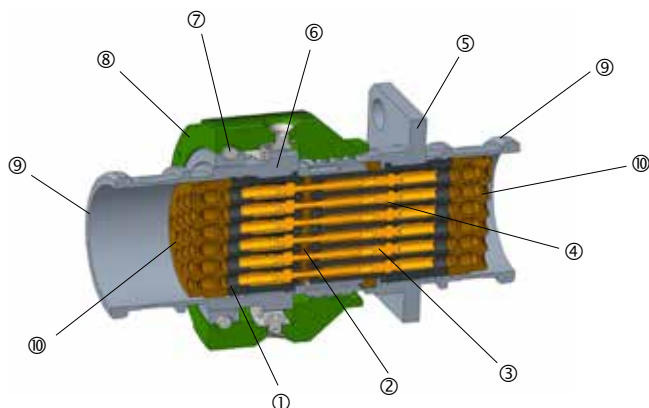
| Inserts Arrangements | | Contact Quantity | | | | Dielectric withstanding voltage (VAC) | Current rating |
|----------------------|--------|------------------|-------|-----|-----|--|----------------|
| 2M801 | 2M805 | #23 | #20HD | #16 | #12 | | |
| 5-3 | - | 3 | | | | 750 VAC | 5 A |
| 6-4 | 8-4 | 4 | | | | | |
| 6-6 | 8-6 | 6 | | | | | |
| 6-7 | 8-7 | 7 | | | | | |
| 7-10 | 9-10 | 10 | | | | | |
| 8-13 | 10-13 | 13 | | | | | |
| 9-19 | 11-19 | 19 | | | | | |
| 10-26 | 12-26 | 26 | | | | | |
| 13-37 | 15-37 | 37 | | | | | |
| 16-55 | 18-55 | 55 | | | | | |
| 17-85 | 19-85 | 85 | | | | | |
| 21-130 | 23-130 | 130 | | | | 100 VAC | 7,5 A |
| 6-23 | 8-23 | | 3 | | | | |
| 7-25 | 9-25 | | 5 | | | | |
| 8-28 | 10-28 | | 8 | | | | |
| 9-210 | 11-210 | | 10 | | | | |
| 13-220 | 15-220 | | 20 | | | | |
| 16-235 | 18-235 | | 35 | | | | |
| 17-241 | 19-241 | | 41 | | | | |
| 21-269 | 23-269 | | 69 | | | 1800 VAC | 13 A |
| 6-1 | 8-1 | | | 1 | | | |
| 8-2 | 10-2 | | | 2 | | | |
| 9-4 | 11-4 | | | 4 | | | |
| 10-5 | 12-5 | | | 5 | | | |
| 13-7 | 15-7 | | | 7 | | | |
| 16-12 | 18-12 | | | 12 | | | |
| 17-14 | 19-14 | | | 14 | | | |
| 21-22 | 23-22 | | | 22 | | 1800 VAC | 23 A |
| 10-2 | 12-2 | | | | 2 | | |
| 13-2 | 15-2 | | | | 2 | | |
| 16-5 | 18-5 | | | | 5 | | |
| 7-1 | 9-1 | | | | 1 | | |
| 13-3 | 15-3 | | | | 3 | | |
| 17-7 | 19-7 | | | | 7 | | |
| 21-12 | 23-12 | | | | 12 | | |
| 9-200 | 11-200 | 4 | | 2 | | Insert arrangements with mixed size (combo) layouts Consult insert tables page 16 to 19 | |
| 10-201 | 12-201 | 4 | | | 2 | | |
| 13-201 | 15-201 | 23 | | | 2 | | |
| 8-200 | 10-200 | 4 | | | | | |
| 10-202 | 12-202 | 8 | | 2 | | | |
| 13-200 | 15-200 | 6 | | | 2 | | |
| 10-200 | 12-200 | 12 | | | 0 | | |

All dimensions are given for information only and are in mm

GENERAL INFORMATION

Description

- Heavy Dual-Start ACME Thread
- Most durable of the 2M series
- Up to 2,000 mating cycles
- Ratcheting Anti-Decoupling Plug



- ① Pin insert
- ② Interfacial seal
- ③ Socket insert
- ④ Contact retention clip
- ⑤ Receptacle shell
- ⑥ Plug shell
- ⑦ Torlon rod
- ⑧ Coupling nut
- ⑨ Integrated Backshell
- ⑩ Grommet

MATERIALS AND FINISHES

| | |
|-----------------------------------|---|
| Shells | Aluminum Alloy |
| Shell finish | - Electroless Nickel ✓ - Olive Drab Cadmium - Black Zinc Nickel ✓ - Durmalon (Ni-PTFE) ✓ |
| Contacts | Copper Alloy, gold plated |
| Insulators | Polyphenylene sulfide (PPS) |
| Contact retention | Beryllium Copper Alloy |
| Grommet, Interfacial Seal, O-Ring | Fluorosilicone rubber |

✓ : RoHS compliant

2M801 vs MIL-DTL-38999

| Specification | 2M801 | MIL-DTL-38999 |
|-----------------------------|--|--|
| Signal Count | 1 to 130 | 1 to 187 |
| Insulation Resistance (MΩ) | 5 000 | 5 000 |
| Operating Temperature | -65°C to +150°C | -65°C to +175°C / 200°C |
| Shock | 300 G ± 15 | 300 G ± 15 |
| Vibration | « 43.9 G Random 60.0 G Sine » | « 43.9 G Random 60.0 G Sine » |
| Shielding Effectiveness | « 55 dB min. from 100 MHz to 1000 MHz » | « 50 dB min. from 100 MHz to 1000 MHz » |
| Durability | 500 mating cycles min | 500 mating cycles min |
| Shell to Shell Conductivity | 2.5 mV drop max | 2.5 mV drop max |
| Contacts | Per AS39029 | Per AS39029 |

All dimensions are given for information only and are in mm, except as otherwise specified | *in mm: 1mm=0.03937 inch

HOW TO ORDER - 2M801 DUAL-START

| 1. | 2. | 3. | 4. | 5. | 6. | 7. |
|--------|----------------|------------|---------------|--------------------------|----------|--------|
| Series | Connector type | Shell type | Service Class | Shell size & arrangement | Contacts | Keying |
| 2M801 | -007 | -26 | M | 6-1 | P | A |

1. Series

2M801 2M801 Dual-start

5. Shell Size & Insert arrangement

See tables on page xx (début du catalogue)

2. Connector type

| Connector type | Shell type | Notes |
|----------------|--------------|------------------------------------|
| -007 | Crimp | Integrated backshell |
| -009 | | |
| -011 | Straight PCB | Epoxy potting |
| -017 | | Epoxy potting, open face immersion |

6. Contacts

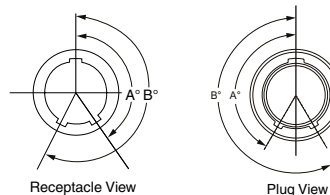
| | |
|---|-------------------------|
| P | Pin |
| S | Socket |
| A | Without Pin contacts |
| B | Without Socket contacts |

3. Shell type

| | | |
|-----|------------|----------------------|
| -26 | Plug | Self-Locking Ratchet |
| -02 | Receptacle | Square Flange |
| -07 | | Jam Nut |

7. Keying

| | | |
|---|------|------|
| A | A° | B° |
| | 150° | 210° |



4. Service class

| | |
|-----|----------------------|
| M | Electroless Nickel ✓ |
| NF | Olive Drab Cadmium |
| ZNU | Black Zinc Nickel ✓ |
| MT | Durmalon (Ni-PTFE) ✓ |

✓ : RoHS compliant

Download our 3D models

2M801 Configurator



Scan & discover !



All dimensions are given for information only and are in mm, except as otherwise specified | *in mm: 1mm=0.03937 inch

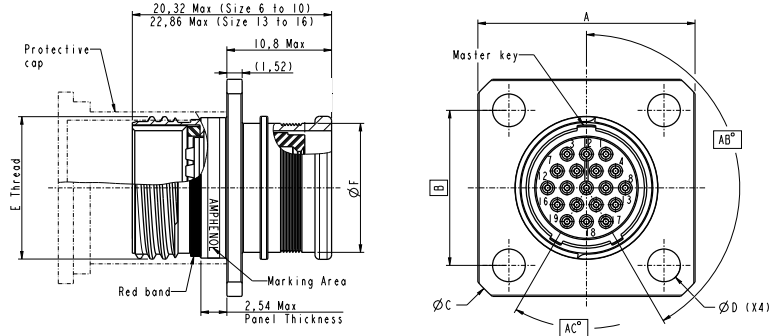


SELECTION OF 2M801 DUAL-START

Overall dimensions

Square flange receptacle with integrated backshell - Crimp version

2M801-009-02

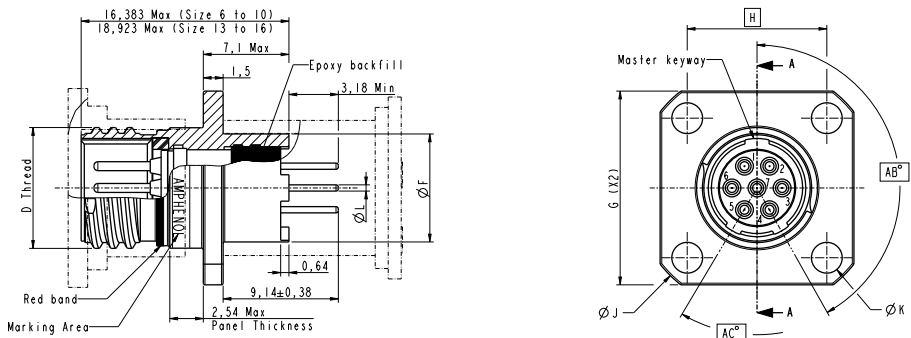


| Shell Size | A (mm) | B (mm) | Ø C (mm) | Ø D (mm) | E Thread | Ø F (mm) |
|------------|--------|--------|----------|----------|--------------------|----------|
| 5 | 13,46 | 9,22 | 17,27 | 2,36 | .3125-.05P-.1L-2A | 6,22 |
| 6 | 14,99 | 10,74 | 19,05 | 2,36 | 0.3750-.05P-.1L-2A | 7,37 |
| 7 | 16,51 | 12,27 | 21,59 | 2,36 | 0.4375-.05P-.1L-2A | 9,91 |
| 8 | 18,08 | 13,84 | 23,88 | 2,36 | 0.5000-.05P-.1L-2A | 11,3 |
| 9 | 21,59 | 15,42 | 28,58 | 3,25 | 0.5625-.05P-.1L-2A | 12,7 |
| 10 | 22,61 | 17,02 | 30,23 | 3,25 | 0.6250-.05P-.1L-2A | 14,22 |
| 13 | 26,16 | 20,62 | 34,93 | 3,25 | 0.8125-.1P-.2L-2A | 16,51 |
| 16 | 30,96 | 24,92 | 41,28 | 3,25 | 1.0000-.1P-.2L-2A | 20,45 |
| 17 | 32,51 | 26,92 | 43,18 | 3,25 | 1.0625-.1P-.2L-2A | 21,59 |
| 21 | 36,32 | 30,61 | 49,28 | 3,25 | 1.3125-.1P-.2L-2A | 28,83 |

Square Flange receptacle - PCB version

2M801-011-02

2M801-033-02



| Shell Size | G (mm) | H (mm) | Ø J (mm) | Ø K (mm) | D Thread | Ø F (mm) | L Dia. Tail |
|------------|--------|--------|----------|----------|--------------------|----------|-----------------------|
| 5 | 13,46 | 9,22 | 17,27 | 2,36 | .3125-.05P-.1L-2A | 6,22 | |
| 6 | 14,99 | 10,74 | 19,05 | 2,36 | 0.3750-.05P-.1L-2A | 8,38 | #23 0,46/0,56 |
| 7 | 16,51 | 12,27 | 21,59 | 2,36 | 0.4375-.05P-.1L-2A | 10,97 | |
| 8 | 18,08 | 13,84 | 23,88 | 2,36 | 0.5000-.05P-.1L-2A | 12,52 | #20/20HD 0,64/0,69 |
| 9 | 21,56 | 15,42 | 28,58 | 3,25 | 0.5625-.05P-.1L-2A | 14 | |
| 10 | 22,61 | 17,02 | 30,23 | 3,25 | 0.6250-.05P-.1L-2A | 15,75 | #16 1,52/1,63 |
| 13 | 26,16 | 20,62 | 34,93 | 3,25 | 0.8125-.1P-.2L-2A | 17,86 | |
| 16 | 30,96 | 24,92 | 41,28 | 3,25 | 1.0000-.1P-.2L-2A | 21,92 | #12 2,34/2,44 |
| 17 | 32,51 | 26,92 | 43,18 | 3,25 | 1.0625-.1P-.2L-2A | 21,59 | |
| 21 | 36,32 | 30,61 | 49,28 | 3,25 | 1.3125-.1P-.2L-2A | 28,83 | |

Others shell styles available from Amphenol Aerospace (USA), please consult us for more information.

All dimensions are given for information only and are in mm, except as otherwise specified | *in mm: 1mm=0.03937 inch

 = Coming soon with high service

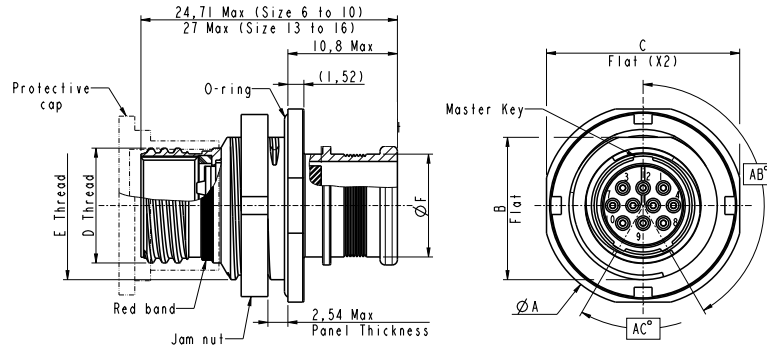


SELECTION OF 2M801 DUAL-START

Overall dimensions

Jam Nut Receptacle with integrated backshell - Crimp version

2M801-009-07

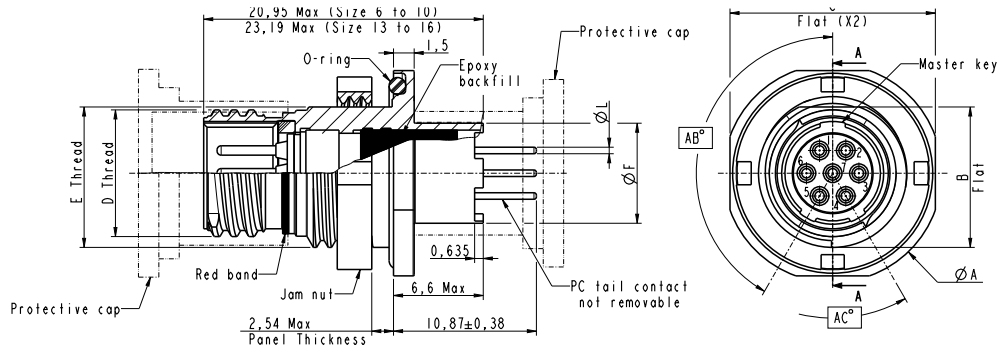


| Shell Size | Ø A (mm) | B Flat (mm) | C Flat (mm) | D Thread | E Thread | Ø F (mm) |
|------------|----------|-------------|-------------|--------------------|------------------|----------|
| 5 | 14,61 | 8,89 | 13,84 | .3125-.05P-.1L-2A | .3750-28 UN-2A | 6,22 |
| 6 | 16,13 | 10,41 | 15,11 | 0.3750-.05P-.1L-2A | .4375-28 UNEF-2A | 7,37 |
| 7 | 19,18 | 13,61 | 18,36 | 0.4375-.05P-.1L-2A | .5625-32 UN-2A | 9,91 |
| 8 | 19,18 | 13,61 | 18,36 | 0.5000-.05P-.1L-2A | .5625-32 UN-2A | 11,3 |
| 9 | 21,08 | 15,14 | 20,07 | 0.5625-.05P-.1L-2A | .6250-28 UN-2A | 12,7 |
| 10 | 22,61 | 16,71 | 21,72 | 0.6250-.05P-.1L-2A | .6875-28 UN-2A | 14,22 |
| 13 | 27,38 | 21,46 | 26,52 | 0.8125-.1P-.2L-2A | .8750-28 UN-2A | 16,51 |
| 16 | 32,11 | 25,96 | 31,24 | 1.0000-.1P-.2L-2A | 1.0625-20 UN-2A | 20,45 |
| 17 | 33,66 | 27,84 | 32,77 | 1.0625-.1P-.2L-2A | 1.125-28 UN-2A | 21,59 |
| 21 | 41,28 | 34,16 | 40,06 | 1.3125-.1P-.2L-2A | 1.375-28 UN-2A | 28,83 |

Jam Nut receptacle - PCB version

2M801-011-07

2M801-033-07



| Shell Size | Ø A (mm) | B Flat (mm) | C Flat (mm) | D Thread | E Thread | Ø F (mm) | Ø L (mm) |
|------------|----------|-------------|-------------|--------------------|------------------|----------|-----------------------|
| 5 | 14,61 | 8,89 | 13,84 | .3125-.05P-.1L-2A | .3750-28 UN-2A | 6,2 | |
| 6 | 16,13 | 10,41 | 15,11 | 0.3750-.05P-.1L-2A | .4375-28 UNEF-2A | 8,38 | #23 0,46/0,56 |
| 7 | 19,18 | 13,61 | 18,36 | 0.4375-.05P-.1L-2A | .5625-32 UN-2A | 10,97 | |
| 8 | 19,18 | 13,61 | 18,36 | 0.5000-.05P-.1L-2A | .5625-32 UN-2A | 12,52 | #20/20HD 0,64/0,69 |
| 9 | 21,08 | 15,14 | 20,07 | 0.5625-.05P-.1L-2A | .6250-28 UN-2A | 14 | |
| 10 | 22,61 | 16,71 | 21,72 | 0.6250-.05P-.1L-2A | .6875-28 UN-2A | 15,75 | |
| 13 | 27,38 | 21,46 | 26,52 | 0.8125-.1P-.2L-2A | .8750-28 UN-2A | 17,86 | #16 1,52/1,63 |
| 16 | 32,11 | 25,96 | 31,24 | 1.0000-.1P-.2L-2A | 1.0625-20 UN-2A | 21,92 | |
| 17 | 33,66 | 27,84 | 32,77 | 1.0625-.1P-.2L-2A | 1.125-28 UN-2A | 23,16 | #12 2,34/2,44 |
| 21 | 41,28 | 34,16 | 40,06 | 1.3125-.1P-.2L-2A | 1.375-28 UN-2A | 29,72 | |

Others shell styles available from Amphenol Aerospace (USA), please consult us for more information.

All dimensions are given for information only and are in mm, except as otherwise specified | *in mm: 1mm=0.03937 inch

 = Coming soon with high service

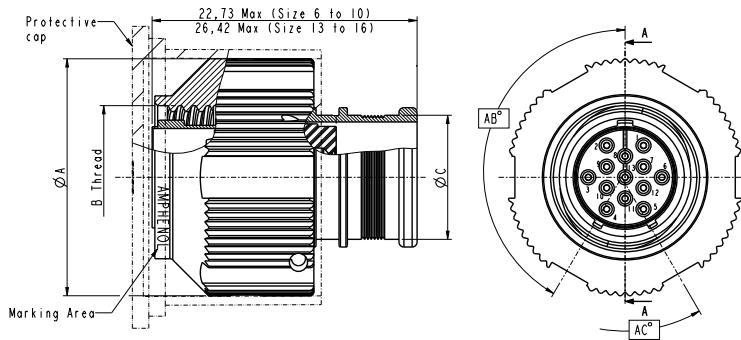
SELECTION OF 2M801 DUAL-START



Overall dimensions

Straight Plug with integrated backshell

2M801-007-26



| Shell Size | Ø A (mm) | B (mm) | Ø C (mm) |
|------------|----------|--------------------|----------|
| 5 | 13,84 | .3125-.05P-.1L-2B | 6,22 |
| 6 | 18,03 | 0.3750-.05P-.1L-2B | 7,37 |
| 7 | 20,07 | 0.4375-.05P-.1L-2B | 9,91 |
| 8 | 21,84 | 0.5000-.05P-.1L-2B | 11,3 |
| 9 | 23,37 | 0.5625-.05P-.1L-2B | 12,7 |
| 10 | 25,02 | 0.6250-.05P-.1L-2B | 14,22 |
| 13 | 29,21 | 0.8125-.1P-.2L-2B | 16,51 |
| 16 | 34,16 | 1.0000-.1P-.2L-2B | 20,45 |
| 17 | 35,56 | 1.0625-.1P-.2L-2B | 21,59 |
| 21 | 42,16 | 1.3125-.1P-.2L-2B | 28,83 |

Others shell styles available from Amphenol Aerospace (USA), please consult us for more information.

= Coming soon with high service

All dimensions are given for information only and are in mm, except as otherwise specified | *in mm: 1mm=0.03937 inch

SELECTION OF 2M801 DUAL-START

Panel drilling

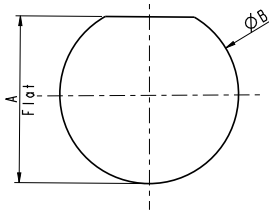
Jam Nut Receptacle Crimp version:

2M801-009-07

Jam Nut Receptacle PCB version:

2M801-011-07

2M801-033-07



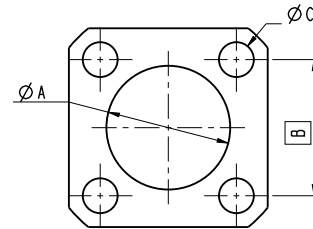
Square Flange Receptacle Crimp version:

2M801-009-02

Square Flange Receptacle PCB version:

2M801-033-02

2M801-033-02



Panel Cutout

| Shell Size | A Flat $\pm 0,05$ (mm) | $\text{Ø B} \pm 0,05$ (mm) |
|------------|------------------------|----------------------------|
| 6 | 10,57 | 11,35 |
| 7 | 13,77 | 14,53 |
| 8 | 13,77 | 14,53 |
| 9 | 15,29 | 16,13 |
| 10 | 16,62 | 17,70 |
| 13 | 21,62 | 22,48 |
| 16 | 26,11 | 27,31 |
| 17 | 27,99 | 28,83 |
| 21 | 34,39 | 35,18 |

Panel Cutout

| Shell Size | Ø A (mm) | B (mm) | $\text{Ø C} \pm 0,08$ (mm) |
|------------|-------------------|--------|----------------------------|
| 6 | 9,91 | 10,74 | 2,36 |
| 7 | 11,43 | 12,27 | 2,36 |
| 8 | 12,95 | 13,84 | 2,36 |
| 9 | 14,61 | 15,42 | 3,25 |
| 10 | 16,26 | 17,02 | 3,25 |
| 13 | 20,96 | 20,65 | 3,25 |
| 16 | 25,78 | 24,92 | 3,25 |
| 17 | 27,31 | 26,92 | 3,25 |
| 21 | 33,66 | 30,61 | 3,25 |

All dimensions are given for information only and are in mm, except as otherwise specified | *in mm: 1mm=0.03937 inch