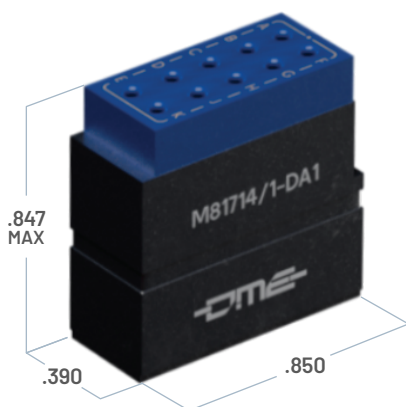


## Feedback Dimensions

( LISTED IN INCHES )



## Operating Range

**Temperature:**  
-65°C to 200°C

**Insulation Resistance:**  
5000 Megaohms @ 25°C

**Dielectric Withstanding Voltage:**  
1500 VRMS at Sea Level  
200 VRMS at 100,000 ft.

**Current Rating:**  
5 Amps

**Vibration & Shock:**  
AS81714 Paragraph  
3.5 and 3.5.8

## Materials

**Module Body:**  
Polyetherimide per ASTM-D5205

**Grommet:**  
Silicone Blend Elastomer

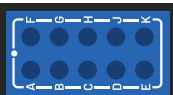
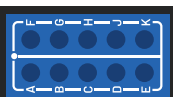
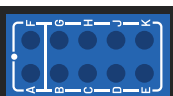
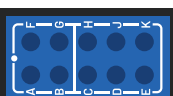
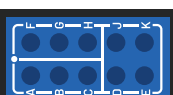
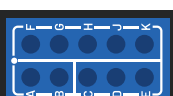
**Contact Retainers:**  
Beryllium Copper

**Internal Socket Contacts:**  
Copper Alloy, Hard Gold Plated in  
Accordannce with MIL-G-45204

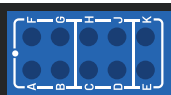
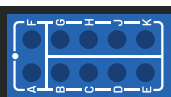
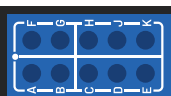
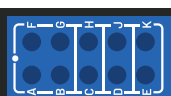
**Accepts Multiple Wire Sizes:**  
Size 22, 24, 26 AWG

## Terminal Junction Module

### CONTACT

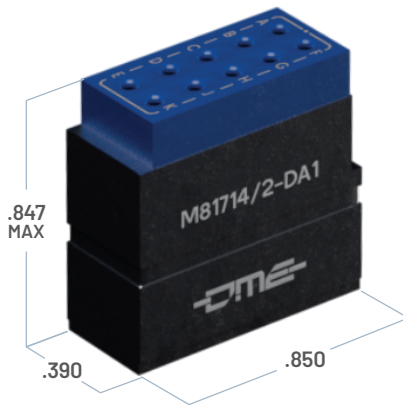
|                                                                                     | MILITARY P/N             | QTY | SIZE  | P/N M39029 |
|-------------------------------------------------------------------------------------|--------------------------|-----|-------|------------|
|  | M81714/1-DA1             | 10  | 16/22 | /1-101     |
|                                                                                     | DME/1-DA1 COMMERCIAL P/N |     |       |            |
|  | M81714/1-DB1             | 10  | 16/22 | /1-101     |
|                                                                                     | DME/1-DB1 COMMERCIAL P/N |     |       |            |
|  | M81714/1-DB2             | 10  | 16/22 | /1-101     |
|                                                                                     | DME/1-DB2 COMMERCIAL P/N |     |       |            |
|  | M81714/1-DB3             | 10  | 16/22 | /1-101     |
|                                                                                     | DME/1-DB3 COMMERCIAL P/N |     |       |            |
|  | M81714/1-DC1             | 10  | 16/22 | /1-101     |
|                                                                                     | DME/1-DC1 COMMERCIAL P/N |     |       |            |
|  | M81714/1-DC2             | 10  | 16/22 | /1-101     |
|                                                                                     | DME/1-DC2 COMMERCIAL P/N |     |       |            |

### CONTACT

|                                                                                      | MILITARY P/N             | QTY | SIZE  | P/N M39029 |
|--------------------------------------------------------------------------------------|--------------------------|-----|-------|------------|
|  | M81714/1-DC3             | 10  | 16/22 | /1-100     |
|                                                                                      | DME/1-DC3 COMMERCIAL P/N |     |       |            |
|  | M81714/1-DC4             | 10  | 16/22 | /1-100     |
|                                                                                      | DME/1-DC4 COMMERCIAL P/N |     |       |            |
|  | M81714/1-DD1             | 10  | 16/22 | /1-100     |
|                                                                                      | DME/1-DD1 COMMERCIAL P/N |     |       |            |
|  | M81714/1-DD2             | 10  | 16/22 | /1-100     |
|                                                                                      | DME/1-DD2 COMMERCIAL P/N |     |       |            |
|  | M81714/1-DE1             | 10  | 16/22 | /1-100     |
|                                                                                      | DME/1-DE1 COMMERCIAL P/N |     |       |            |

## Feedback Dimensions

( LISTED IN INCHES )



## Operating Range

**Temperature:**  
-65°C to 200°C

**Insulation Resistance:**  
5000 Megaohms @ 25°C

**Dielectric Withstanding Voltage:**  
1500 VRMS at Sea Level  
200 VRMS at 100,000 ft.

**Current Rating:**  
5 Amps

**Vibration & Shock:**  
MIL-T-81714 Paragraph  
3.5 and 3.5.8

## Materials

**Module Body:**  
Polyetherimide per ASTM-D5205

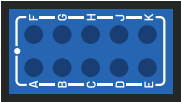
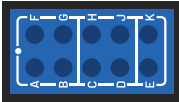
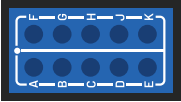
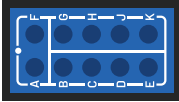
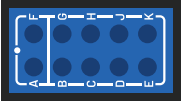
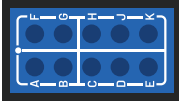
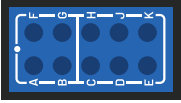
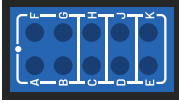
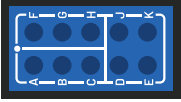
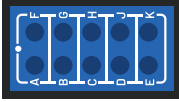
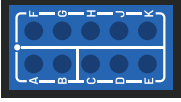
**Grommet:**  
Silicone Blend Elastomer per A-A-59588

**Contact Retainers:**  
Stainless Steel

**Internal Socket Contacts:**  
Copper Alloy, Hard Gold Plated in  
Accordannce with MIL-G-45204

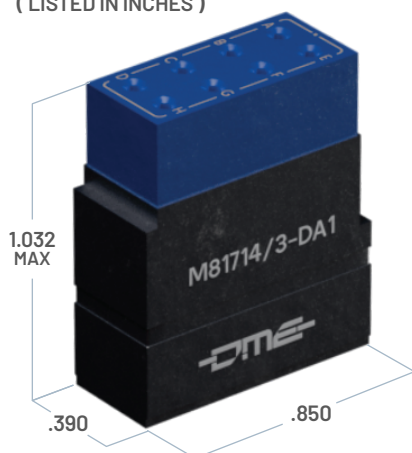
**Accepts Multiple Wire Sizes:**  
Size 20, 22, 24 AWG

## Terminal Junction Module

|                                                                                     | MILITARY P/N | QTY | SIZE  | P/N M39029 |                                                                                      | MILITARY P/N | QTY | SIZE  | P/N M39029 |
|-------------------------------------------------------------------------------------|--------------|-----|-------|------------|--------------------------------------------------------------------------------------|--------------|-----|-------|------------|
|  | M81714/2-DA1 | 10  | 16/20 | /1-101     |  | M81714/2-DC3 | 10  | 16/20 | /1-101     |
|  | M81714/2-DB1 | 10  | 16/20 | /1-101     |  | M81714/2-DC4 | 10  | 16/20 | /1-101     |
|  | M81714/2-DB2 | 10  | 16/20 | /1-101     |  | M81714/2-DD1 | 10  | 16/20 | /1-101     |
|  | M81714/2-DB3 | 10  | 16/20 | /1-101     |  | M81714/2-DD2 | 10  | 16/20 | /1-101     |
|  | M81714/2-DC1 | 10  | 16/20 | /1-101     |  | M81714/2-DE1 | 10  | 16/20 | /1-101     |
|  | M81714/2-DC2 | 10  | 16/20 | /1-101     |                                                                                      |              |     |       |            |

## Feedback Dimensions

( LISTED IN INCHES )



## Operating Range

**Temperature:**  
-65°C to 200°C

**Insulation Resistance:**  
5000 Megaohms @ 25°C

**Dielectric Withstanding Voltage:**  
1500 VRMS at Sea Level  
200 VRMS at 100,000 ft.

**Current Rating:**  
5 Amps

**Vibration & Shock:**  
AS81714 Paragraph  
3.5 and 3.5.8

## Materials

**Module Body:**  
Polyetherimide per ASTM-D5205

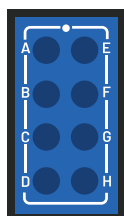
**Grommet:**  
Silicone Blend Elastomer

**Contact Retainers:**  
Beryllium Copper

**Internal Socket Contacts:**  
Copper Alloy, Hard Gold Plated in  
Accordannce with MIL-G-45204

**Accepts Multiple Wire Sizes:**  
Size 16, 18, 20 AWG

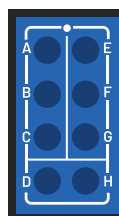
## Terminal Junction Module



### CONTACT

| MILITARY P/N | QTY | SIZE  | P/N M39029 |
|--------------|-----|-------|------------|
| M81714/3-DA1 | 8   | 14/16 | /1-102     |

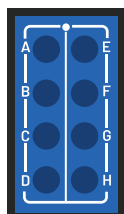
DME/3-DA1 COMMERCIAL P/N



### CONTACT

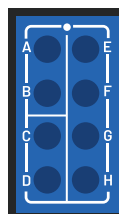
| MILITARY P/N | QTY | SIZE  | P/N M39029 |
|--------------|-----|-------|------------|
| M81714/3-DC1 | 8   | 14/16 | /1-102     |

DME/3-DC1 COMMERCIAL P/N



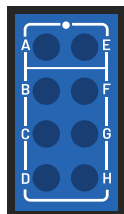
| MILITARY P/N | QTY | SIZE  | P/N M39029 |
|--------------|-----|-------|------------|
| M81714/3-DB1 | 8   | 14/16 | /1-102     |

DME/3-DB1 COMMERCIAL P/N



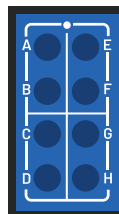
| MILITARY P/N | QTY | SIZE  | P/N M39029 |
|--------------|-----|-------|------------|
| M81714/3-DC2 | 8   | 14/16 | /1-102     |

DME/3-DC2 COMMERCIAL P/N



| MILITARY P/N | QTY | SIZE  | P/N M39029 |
|--------------|-----|-------|------------|
| M81714/3-DB2 | 8   | 14/16 | /1-102     |

DME/3-DB2 COMMERCIAL P/N



| MILITARY P/N | QTY | SIZE  | P/N M39029 |
|--------------|-----|-------|------------|
| M81714/3-DD1 | 8   | 14/16 | /1-102     |

DME/3-DD1 COMMERCIAL P/N

## Product Description

Built and qualified to **AS81714**, DME Electronic Modules provide a reliable and maintainable connection for diode applications.

While standard Terminal Junction Modules are pictured, DME Interconnect is happy to customize designs to your unique applications utilizing diodes, fuses, resistors, etc.

## Performance Specifications

### DIELECTRIC WITHSTANDING VOLTAGE:

Sea Level: 1,500 VRMS  
70,000 ft: 600 VRMS

### INSULATION RESISTANCE:

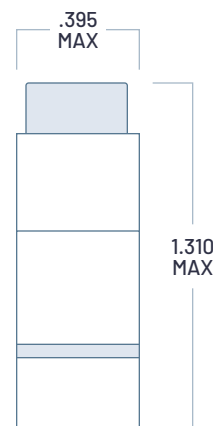
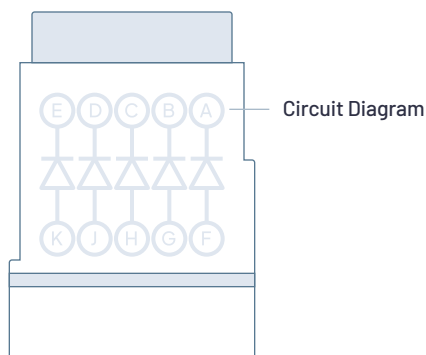
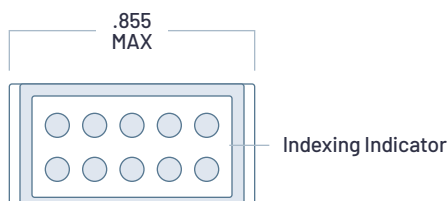
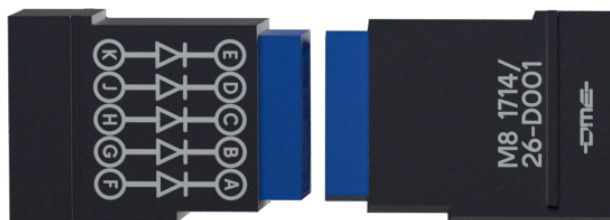
5,000 megohms @ 25°C

### TEMPERATURE RATING:

-65°C to +200°C

### CURRENT RATING:

Contact Size 20 .... 7.5 amps



## Terminal Junction Module

| MIL P/N 81714   | DME P/N     | Diode P/N    | QTY | Size | Contact P/N  |
|-----------------|-------------|--------------|-----|------|--------------|
| M81714/26-D-001 | DME26-1D001 | JAN TX1N5618 | 10  | 20   | M39029/1-101 |
| M81714/26-D-002 | DME26-1D002 | JAN TX1N5552 | 10  | 20   | M39029/1-101 |

\*ACCEPTS MULTIPLE WIRE SIZES:  
Size 20, 22, 24 AWG

## Materials

### MODULE BODY:

Polyetherimide per ASTM-D5205

### INTERNAL CONTACT:

Copper Alloy / Gold Finish, MIL-G-45204.

### GROMMET:

Silicone Elastomer