





**Series 80 “Mighty Mouse”
The New Standard in High-Density Environmental Connectors
for Reduced Size and Weight Applications**

Series 80 Master Product Selection Guide

Crimp Tools and Contacts		<p>Series 80 Crimp Tools and Contacts</p> <ul style="list-style-type: none"> ● Crimpers, Insertion Tools, Extraction Tools, and Shield Termination Tools ● Pin and Socket Contacts 	Section A
Series 800		<p>Series 800 Light Duty UN Threaded</p> <ul style="list-style-type: none"> ● 3 to 37 Contacts ● Smaller, Lighter and More Economical than Series 801 Heavy Duty Version 	Section B
Series 801		<p>Series 801 Heavy Duty Double-Start</p> <ul style="list-style-type: none"> ● 3 to 85 Contacts ● For Demanding Land warfare and Aerospace Applications 	Section C
Series 802		<p>Series 802 “Aqua Mouse” Submersible</p> <ul style="list-style-type: none"> ● For Extremely Hostile Geophysical Environments ● 4, 7 and 19 Contacts ● Stainless Steel Shells, Viton® Seals, 3500 PSI 	Section D
Series 803		<p>Series 803 Bayonet</p> <ul style="list-style-type: none"> ● 3 To 85 Contacts ● 1/4 Turn Coupling ● Ideal for Data Acquisition and Instrumentation 	Section E
Series 804		<p>Series 804 QDC</p> <ul style="list-style-type: none"> ● Push to Mate, Pull to Unmate ● 3 to 85 Contacts ● Suitable for Tactical Communications 	Section F
Accessories		<p>Series 80 Accessories</p> <ul style="list-style-type: none"> ● Backshells, Strain Reliefs and Adapters ● Gaskets, Tools, and Contact Adapters 	Section G

Series 80 "Mighty Mouse" Contact Arrangements

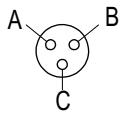


Product
Specifications

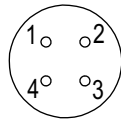
Series 80 "Mighty Mouse" Contact Arrangements

The contact arrangements on this page are common to all Series 80 "Mighty Mouse" connectors. The size #23 contacts are rated at 5 amps current and accept #22 to #28 AWG wire.

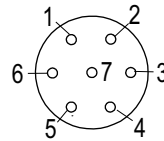
Face View Pin Connector



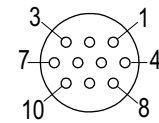
ARRANGEMENT NO. 5-3



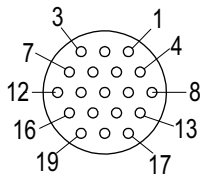
ARRANGEMENT NO. 6-4



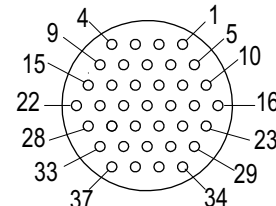
ARRANGEMENT NO. 6-7



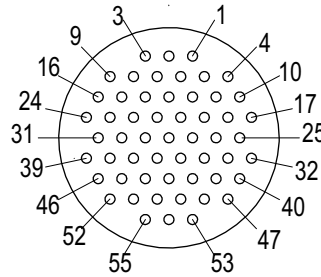
ARRANGEMENT NO. 7-10



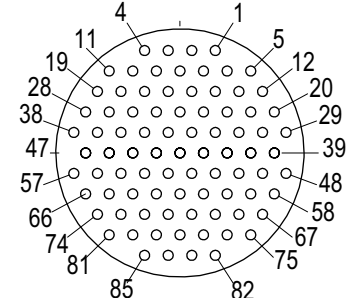
ARRANGEMENT NO. 9-19



ARRANGEMENT NO. 12(13)-37

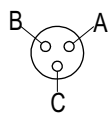


ARRANGEMENT NO. 14(16)-55

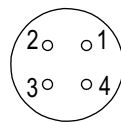


ARRANGEMENT NO. 15(17)-85

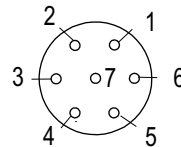
Face View Socket Connector



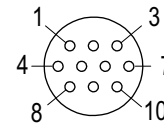
ARRANGEMENT NO. 5-3



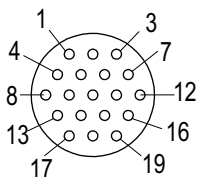
ARRANGEMENT NO. 6-4



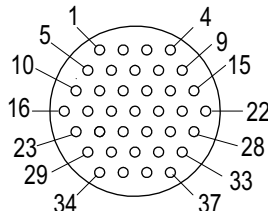
ARRANGEMENT NO. 6-7



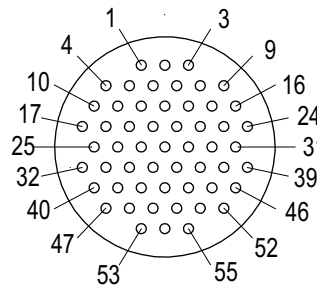
ARRANGEMENT NO. 7-10



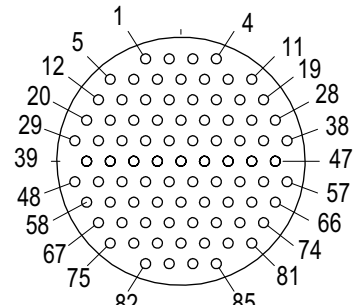
ARRANGEMENT NO. 9-19



ARRANGEMENT NO. 12(13)-37



ARRANGEMENT NO. 14(16)-55



ARRANGEMENT NO. 15(17)-85

Series 800 Product Selection Guide

Series 800 Product Selection Guide

Plugs



Cable Plugs

- Supplied With Crimp Contacts for #22 – #28 AWG Wire
- Two Styles: Rear Accessory Thread or Integral Band Platform for Direct Attachment of Cable Shield

Page B-6

Receptacles
for Insulated
Wire

Crimp Receptacles

- Supplied With Crimp Contacts for #22 – #28 AWG Wire
- Two Styles: Rear Accessory Thread or Integral Band Platform for Direct Attachment of Cable Shield

Page B-8

Receptacles
for Printed
Circuit Board

PCB Receptacles

- Supplied With Factory-Installed, Non-Removable Straight PC Tails for Attachment to Rigid Boards or Flex Circuits

Page B-12

Hermetic
Receptacles

Hermetic Receptacles

- Supplied With Factory-Installed, Non-Removable Solder Cup Contacts for #22 Gage Wire, or With Straight PC Tails for Attachment to Rigid Boards or Flex Circuits

Page B-15

Protective
Covers

Protective Covers

- Plug and Receptacle Covers
- Variety of Attachment Options

Page B-19

Cordsets









Cordsets

- Overmolded, Shielded Cable Assemblies
- 100% Tested, Easy to Specify, Ready for Use

Page B-21

Series 801 Product Selection Guide

Series 801 Product Selection Guide

Plugs		<p>Cable Plugs</p> <ul style="list-style-type: none"> • Supplied With Crimp Contacts for #22 – #28 AWG Wire • Two Styles: Rear Accessory Thread or Integral Band Platform for Direct Attachment of Cable Shield 	Page C-9
Crimp Receptacles		<p>Crimp Receptacles</p> <ul style="list-style-type: none"> • Supplied With Crimp Contacts for #22 – #28 AWG Wire • Rear Mount Jam Nut, Flange Mount, or In-Line 	Page C-11
PCB Receptacles		<p>PCB Receptacles</p> <ul style="list-style-type: none"> • Supplied With Factory-Installed, Non-Removable Straight PC Tails Attachment to Rigid Boards or Flex Circuits 	Page C-15
Hermetic Receptacles		<p>Hermetic Receptacles</p> <ul style="list-style-type: none"> • Supplied With Factory-Installed, Non-Removable Solder Cup Contacts for #22 Gage Wire, or With Straight PC Tails • Glass-Sealed for Use in Pressurized Bulkheads 	Page C-17
Protective Covers		<p>Protective Covers</p> <ul style="list-style-type: none"> • Plug and Receptacle Covers • Variety of Attachment Options 	Page C-21
Cordsets		<p>Cordsets</p> <ul style="list-style-type: none"> • Overmolded, Shielded Cable Assemblies • 100% Tested, Easy to Specify, Ready for Use 	Page C-23

Series 803 Product Selection Guide

Series 803 Product Selection Guide

Plugs



Cable Plugs

- Supplied With Crimp Contacts for #22 – #28 AWG Insulated Wire
- Two Styles: Rear Accessory Thread or Integral Band Platform for Direct Attachment of Cable Shield

Page E-7

Receptacles for Insulated Wire



Crimp Receptacles

- Supplied With Crimp Contacts for #22 – #28 AWG Insulated Wire
- Two Styles: Rear Accessory Thread or Integral Band Platform for Direct Attachment of Cable Shield

Page E-9

Receptacles for Printed Circuit Board



PCB Receptacles

- Supplied With Factory-Installed, Non-Removable Straight PC Tails for Attachment to Rigid Boards or Flex Circuits

Page E-13

Hermetic Receptacles



Hermetic Receptacles

- Supplied With Factory-Installed, Non-Removable Solder Cup Contacts for #22 Gage Wire, or With Straight PC Tails for Attachment to Rigid Boards or Flex Circuits
- Glass-Sealed for Use in Pressurized Bulkheads

Page E-15

Protective Covers



Protective Covers

- Plug and Receptacle Covers
- Variety of Attachment Options

Page E-17

Cordsets



Cordsets

- Overmolded, Shielded Cable Assemblies
- 100% Tested, Easy to Specify, Ready for Use

Page E-19

Series 804 Product Selection Guide

Series 804 Product Selection Guide

Plugs



Cable Plugs

- Supplied With Crimp Contacts for #22 – #28 AWG Wire
- Two Styles: Rear Accessory Thread or Integral Band Platform for Direct Attachment of Cable Shield

Page F-6

Receptacles
for Insulated
Wire

Crimp Receptacles

- Supplied With Crimp Contacts for #22 – #28 AWG Wire
- Two Styles: Rear Accessory Thread or Integral Band Platform for Direct Attachment of Cable Shield

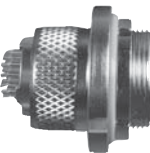
Page F-8

Receptacles
for Printed
Circuit Board

PCB Receptacles

- Supplied With Factory-Installed, Non-Removable Straight PC Tails for Attachment to Rigid Boards or Flex Circuits

Page F-12

Hermetic
Receptacles

Hermetic Receptacles

- Supplied With Factory-Installed, Non-Removable Solder Cup Contacts for #22 Gage Wire, or With Straight PC Tails for Attachment to Rigid Boards or Flex Circuits

Page F-15

Protective
Covers

Protective Covers

- Plug and Receptacle Covers
- Variety of Attachment Options

Page F-18

Cordsets



Cordsets

- Overmolded, Shielded Cable Assemblies
- 100% Tested, Easy to Specify, Ready for Use

Page F-21