

The Burndy HYFEN Series of Multi-Contact Rectangular Connectors offers an extremely reliable, rugged, and versatile system in which any of the TRIM TRIO family of contacts can be used.

HYFEN Connectors, available in ten sizes from 14 to 152 positions, are supplied pre-assembled with a choice of accessories. Contacts are supplied separately.

The range of accessories available include hoods, strain relief clamps, guide pins, jack screws, and pin protection skirts. These options and a variety of methods for discriminating between similar connectors, in addition to pin and socket contacts that can be interchanged and intermixed in both plug and receptacle assemblies to make the HYFEN series a truly versatile system.

The performance characteristics of the HYFEN Connectors are in conformance with the applicable requirements of MIL-C-28748.

HYFEN CONNECTORS — A SYSTEM WITH BUILT-IN ECONOMY

Connectors are supplied pre-assembled to your requirements saving you production assembly time and the associated problems of component handling, scheduling, and inventory.

Connectors and TRIM TRIO Contacts offer cost savings in many areas —

The comprehensive range of contact installation tooling available enables you to select the type most efficient for your production requirements.

The inherent reliability of crimp terminations enables semi-skilled operators to be used and minimizes quality assurance costs.

The extensive range of contacts available allows you to make the choice of the most cost-effective contact for your particular application.

Once tooled for TRIM TRIO Contacts, all other con-

nectors in the TRIM TRIO Interconnection System can be used for other applications without the need for additional tooling costs.

HYFEN CONNECTORS — A SYSTEM WITH BUILT-IN RELIABILITY

HYFEN Connectors and TRIM TRIO Contacts have proven their reliability over more than a decade of extensive, trouble-free use in military, industrial, and commercial applications throughout the world.

HYFEN CONNECTORS — A SYSTEM WITH BUILT-IN VERSATILITY

The options in accessories enables a connector assembly to be produced to cover practically any requirement.

The choices available in TRIM TRIO Contacts can provide an integrated connector system suitable for most signal and power applications.

Discrimination of connector assemblies can be achieved by:

- a. Polarization of protection skirts
- b. Position of guide pins and sockets and jack screws
- c. Position of contacts

Such flexibility provides discriminating capabilities that even the most complex of systems is unlikely to exhaust.

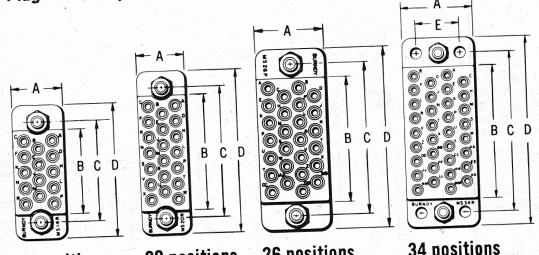
Performance Characteristics and Materials **Performance Characteristics** MS-M, MSD-M, MSB-M

| Characteristics | Performance | Characteristics | Performance |
|---------------------------------------|--|---|--|
| | Formed | Contact Voltage Drop | • 1 |
| Contact Rating | Machined Two Piece One Piece | (When measured on mated co | ontacts 30 MV. Maximum |
| (Per MIL-W-5088) Operating Voltage | 13 Amperes 13 Amperes 5 Amperes | from the wire or braid 1/4" bey | |
| Operating | 750 volts AC 60 HZ MS-M + MSD-M MSB-M | hyring, one (1) ampere currer | |
| Temperature | MS-M + MSD-M MSB-M -55° to + 125° C -55° to + 85° C | Contact Withdrawal Forces | |
| | Formed | Inner Socket using pin | 1/2 ounce Minimum |
| Contact Voltage | Machined Two Piece/One Piece | (.024" Diameter) | |
| Drop (Max.) | 23 Millivolts 25 Millivolts | Outer Socket using pin | 1/2 ounce Minimum |
| Insulation | | (.073" Diameter) | |
| Resistance (Min.) | 5000 Megohms minimum at 500 VDC | Dielectric Withstanding Voltage | |
| Test Potential | | (Applied for 1 minute between | |
| (1 min. duration) | 2000 volts AC 60 HZ | and outer contacts) | 450 Volts AC RMS (Monocrimp) |
| Contact Retention | 25 lbs. (machined contacts) | Insulation Resistance of Inner | |
| In Block (Min.) | 15 lbs. (formed contacts) after 10 insertions | Bushings (Per MIL-STD-202B Method 3 | 1,000 Megohms Min. |
| | and withdrawals | Cond. B) | 3U2 Test |
| Connector Mating | | | |
| Forces (Max.) | per MIL-C-28748 | Durability (250 cycles mating unmating of assembled pins a | |
| Crimp Joint | Machined contacts per MIL-STD-202. | sockets) | "" "나이 없는데 본다의 사람들이 모양하다 하였다. |
| Characteristics | method 106; formed 240 hours at 40° C, | Crimp Requirements | (Meets MIL-T-7928 for tensile and |
| | 90-95% R.H. | Chinpriequienents | electrical tests on inner conductor) |
| Corrosion | Salt spray per MIL-STD 202 Method 101 | | 8 to 12 lbs. Minimum on the braid |
| Moisture | Machined contacts per MIL-STD-202, | | depending upon type of coax wire used. |
| Resistance | method 106; formed, 240 hours at 40° C, | Salt Spray 48 Hours | Contacts show no evidence of corrosion |
| | 90-95% R.H. | and the line of the contests. | and pass withdrawal requirements |
| Vibration Resistance | per MIL-STD-202, Method 204 | Shock | |
| Shock | per MIL-STD-202, Method 207 | (One shock of 50g. intensity | Contact shows no evidence of damage |
| Durability | 500 cycles mating and unmating | in each of three mutually | |
| Flamability | per UL 94V-0 | perpendicular directions) | |
| Subminiature coaxial contacts | | Materials | |
| Isolation at 30 MHZ | 140 db | Item | Material |
| V.S.W.R. for RG174/U. | | MS-M Blocks | Glass-filled Phenolic per MIL-M-14F, type |
| 50 Ohm cable | | 되는 그리고 있는 그는 그리고 하는다. | MFH |
| at 510 MHz | 1.12 | MSD-M Blocks | Diallyl Phthalate per MIL-M-19833 |
| at 2300 MHz | 1.30 | MSB-M Blocks | Glass-filled Phenolic per MIL-M-14F Plated |
| Operating Temperature in mate | | | tin over nickel |
| condition | -67° F to +257° F | Guide pins and sockets | Brass-ASTM B1.6 (with accessories Nickel |
| Contact Retention in Connector | | | plated Stainless Steel #303) |
| (Contact retention after 5 cycle | s of 15 lbs. Minimum | Keyed jacks and | |
| insertion and extraction) | | Rotating jacks | Stainless Steel #303 |

14-75 Place Blocks

MS-M, MSD-M, MSB-M

Plug and Receptacle Dimensions

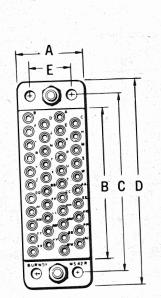


14 positions

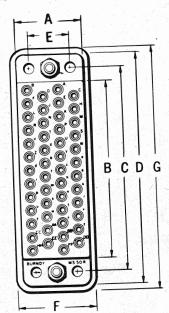
20 positions

26 positions

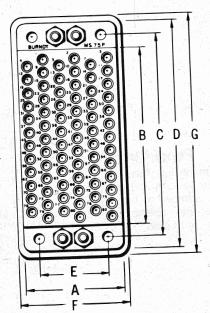
34 positions



42 positions



50 positions



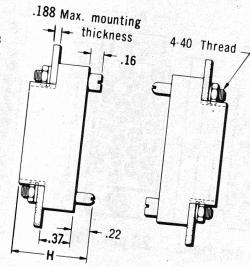
75 positions

| | | | Dimen | sions in In | ches | | |
|---------------------|------|------|-------|-------------|------|------|------|
| No. of Positions | A | В | C | D _ | E | F | G |
| 14 | .46 | .79 | .937 | 1.25 | | | - |
| 20 | .46 | 1.10 | 1.250 | 1.56 | | | |
| 26 | 59 | 1.07 | 1.312 | 1.62 | | | |
| 34 | .75 | 1.41 | 1.686 | 2.00 | .468 | | |
| 42 | .75 | 1.69 | 1.990 | 2.31 | .468 | | |
| 50 | .75 | 2.00 | 2.281 | 2.59 | .468 | .87 | 2.72 |
| 75 | 1.11 | 2.00 | 2.281 | 2.59 | .764 | 1.23 | 2.72 |

14-75 Place Blocks Type MS-M, MSD-M, MSB-M

Block Size - Blocks of all 3 materials have the same dimensions. The number of contact positions given below must be used to complete the catalog numbers in the Ordering Chart on page 5.

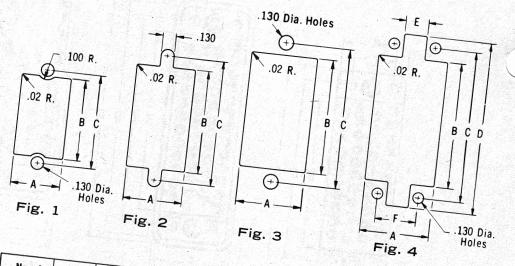
NOTE: Mounting hardware torque requirement—2-4 in-lbs.



| Block | Max. "H" In. | | | | | | |
|--------|--------------------|--------------|--|--|--|--|--|
| Family | With Jackscrews | With Guide | | | | | |
| MS-M | 1.13 | Pin & Socker | | | | | |
| MSD-M | 2000 | 1.10 | | | | | |
| MSB-M | 1.13 | 1.10 | | | | | |
| WISD-M | 1.13 | 1.10 | | | | | |

Panel Cutouts

All 3 block materials have the same cutout dimensions for blocks with the same number of contact positions. Alternate methods of mounting, are indicated in the table.



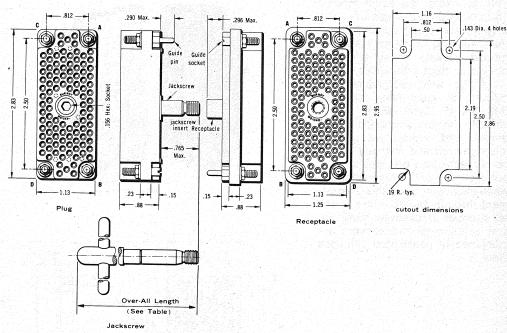
| No. of Positions | Fi No | g. | | | | Dimens | ion | s in I | nchec | |
|-----------------------------|-----------|----|------|---|----|-------------------------|------|----------|-----------|------|
| 14 | Jackson . | | A | | В | C | | 2077 | \neg | |
| | 1 or | 2 | .49 | 9 | 32 | | 0 | D | E | |
| 20 | 1 or | 2 | 1- | | | .55 | 77.1 | _ | der total | |
| 26 | | - | .49 | 1.1 | 3 | 1.25 | 0 | | - | |
| a manufacture of the second | 2 or | 3 | .62 | 1.1 | 1 | 1.312 | 100 | | += | - |
| 34 | 4 | | .78 | + | 3 | | 8 | P straig | l – | |
| 42 | 4 | + | | 1.44 | | 1.686 | 1 | .94 | .25 | 400 |
| 50 | | 1 | .78 | 1.72 | I | 1.990 | 10 | .24 | 100 | .468 |
| | 4 | | .78 | 2.03 | + | The Part of the Part of | 1 | 2000 | .25 | .468 |
| 75 | 4 | 1 | 1.14 | 100000000000000000000000000000000000000 | 1 | 2.281 | 2. | 53 | .25 | .468 |
| | | L | 4 | 2.03 | | 2.281 | 2 | 53 | .56 | .764 |

104 Position Block

This connector enables the user to accommodate 104 contacts in a single unit. These contacts may be any combination of subminiature coaxial contacts and #16 machined and formed contacts.

The plugs and receptacles are molded of diallyl phthalate per MIL-M-14, type SDG. The jackscrews and related hardware are machined of non-magnetic, passivated stainless steel. The molded in mounting ferrules in both the plug and receptacle are brass, cadmium plated.

Type MSD104-M



Performance Characteristics

Contact rating *

Operating voltage 750 volts AC 60 cycles
Operating temperature — 55°C to

Contact voltage drop (Max.) 23 millivolts machined — 25 millivolts formed

Insulation resistance 5000 megohms

Test potential (1 Min. duration) 2000 volts AC 60 cycles

Contact retention in panel (Min.) 25 lbs. machined, 15 lbs. formed after 10 insertions and withdrawals

*Ref. Performance Characteristics page 2

Crimp joint characteristics machined meet requirements of MIL-C-28748 — formed, MIL-T-7928

Corrosion salt spray per MIL-STD-202 Method 101

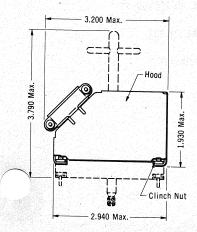
Moisture resistance machined per MIL-STD-202 Method 106 — formed 240 hours at 40°C, 90-95% RH

Vibration resistance per MIL-STD-202 Method 204

Shock per MIL-STD-202 Method 207

Type MSH104M-1

A combination hood and cable clamp assembly has been designed for the MSD104PM-410 and MSD104PM-494 connectors. Unlike the other accessories, this one is not pre-assembled by Burndy to the connector panel but must be ordered separately.



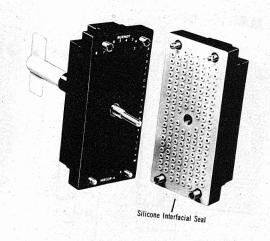
Ordering Chart for MSD104-M

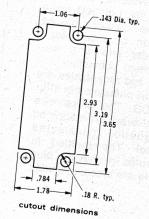
| MSD104PM — (Plug) Catalog Number | Orientation of Guide Pins | Type of Jackscrew | Overall Length of Winged Jackscrew | MSD104RM — (Receptacle) Catalog Number |
|-------------------------------------|---------------------------------|-------------------------|--|--|
| MSD104PM-401 | None | Hex-Socket | | MSD104RM-402 |
| MSD104PM-410 | None | Winged | 4.520 max. | MSD104RM-402 |
| MSD104PM-415 | A, D | Hex-Socket | | MSD104RM-416 |
| MSD104PM-487 | A, B, C, D | Winged | 3.020 max. | MSD104RM-489 |
| MSD104PM-488 | A, B, C, D | Winged | 3.520 max. | MSD104RM-489 |
| MSD104PM-494 | A, B, C, D | Winged | 4.520 max. | MSD104RM-489 |

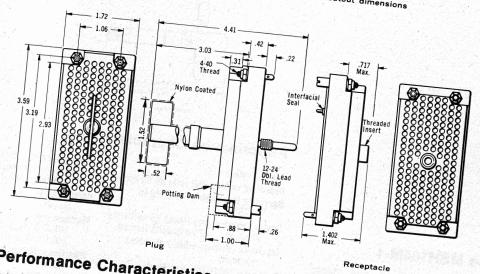
152 Position Block

This connector will accommodate 152 contacts in a single unit. The plug will accept any combination of the Trim Trio Contacts machined formed sockets or subminiature coaxial contact assemblies.

Plugs and receptacles are molded of glass-filled phenolic (MIL-M-14F, Type MFH). Nonreversible pin and socket polarizing guides and jackscrews prevent misalignment and mismatching. A center jackscrew provides ease of connection and disconnection while maintaining positive engagement through severe environmental stresses. Jackscrew hardware and guide pins and sockets are machined of passivated stainless







Performance Characteristics

Contact rating *

Operating voltage 750 volts AC 60 cycles

Operating temperature $-55\,^{\circ}\mathrm{C}$ to $+125\,^{\circ}\mathrm{C}$

Contact voltage drop (Max) 23 millivolts machined; 25 millivolts formed

Insulation resistance 5000 megohms minimum

Test potential (1 minute duration)

2000 volts AC 60 cycles Contact retention in panel 25 lbs.

machined, 15 lbs. formed after 10 insertions and withdrawals

*Ref. Performance Characteristics page 2

Ordering Information

CATALOG NUMBER Description MB152-P4 Plug MB152-R4 Receptacle

Crimp joint characteristics machined meet requirements of MIL-C-28748; formed,

Corrosion salt spray per MIL-STD-202, method 101

Moisture resistance withstands 750 volts AC

Vibration resistance per MIL-STD-202, Method 204

Shock per MIL-STD-202, Method 207

| | IN | TE | RM | AT | EA | BII | _IT | YC | HE | ECI | (L | IST | FC | R | PL | UG | A | ND | RE | CE | PT | AC | LE | :VA | ۱RI | AT | 101 | NS |
|--------------------|----------|----|---------|------|----|------------|-----|-----|-----|------|------------|------|---------|-----------------|------|---------------------------------------|--------|------------------|----------|-------|------|-------------|-----|------|------|-------------------------|------|-----|
| | | | | | | | | | | | RE | CEP | TAC | LE | AS | SEN | /BL | ES | <u> </u> | | | | | | | | | |
| PLUG ASSEMBLIES | - | 2 | = | 15 | 57 | 57S | 58 | 588 | 118 | 1188 | 120 | 120L | 120S | 124 | 1248 | 140 | 140S | 151 | 269 | 269C | 269L | 2698 | 820 | 820L | 820S | 824 | 8248 | 840 |
| 1 | • | | | • | | | | | | | • | | • | | | X | | | | | | | 0 | | 0 | | | |
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| 1L | | • | 50.5 | | | | | | | | | | | | | | | | | , The | | | | | | | | |
| 1S | • | | | • | | | | | | | 0 | | • | | | | | | | | r.v. | | | | | - 1460 - 1460 - 1 | | |
| 57 | | | | | | | • | • | | | | | | . . | | • | • | • | | | | | | | | | | • |
| 57S | | | | | | | 0 | • | | | | | | Agrical Control | | • | • | • | | 120 | | 23. | | | | | | |
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| 58S | | 24 | | | • | • | | | • | • | | | | • | • | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | | | | 3-05 | | | | | • | • | |
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| 118S | | | | | | | • | • | | | | | | | | • | • | | | | | | | | | | | |
| 120 | • | | | • | | | | | | | • | | • | | | | | | | | | | • | | • | | | |
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| 1208 | • | | | • | | | | | | | • | | • | | | | | | | | | | • | | • | | | |
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| 269 | • | | | • | | | | | | | • | | • | | | 7.1 | | | • | | | • | • | | | | | |
| 269C | | | • | | | | | * | | | | • | | | | | ` | 10.1 | | | • | | | • | | | | |
| 269L | | • | | | | | | | | | | | | | | | | | | • | | | | | | | | |
| 269S | • | | | • | | | | | | | • | 7.7 | • | | | | | gian. | • | | | • | | | | | | |
| 820 | • | | | | | | | | | | • | | • | | | | | | VA | | | | • | | • | | | |
| 820L | | • | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 820S | | | 14.7.14 | • | | | | | | | • | | • | | | | | | | | | | • | | • | | | |
| 824 | | | | | | | • | • | | | | | | | | • | • | • | | | | | | | | | | • |
| 824S | | | | • | | | • | • | | | | | | | | • | • | • | | | | | | | | | | |
| 840 | | | | | • | • | | | | • | | | | • | • | | | | | | | | | | | • | • | |

Selector Chart for 14-75 Place Blocks

| Block With Guide | Block With Fixed | Block With Quick | Block With Quick | Block With Turnable | Strain Relief Clamp |
|------------------------|--|------------------------|--|--|--|
| Hardware | Jack Hardware | Disconnect Hardware | Disconnect Latching Spring | Jack Hardware | 90 (1986) 1980 (1986) |
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| Suitcase Hood | Clam Shell Hood | Without Skirt | Plug Skirt | Receptacle Skirt | Variation Number | Catalog Page Number |
|------------------|-----------------------|------------------|---------------|---------------------|---------------------|------------------------|
| | | x | | | 1 | 4 |
| | | | X | X | 1S 🗆 | 4 |
| | | X | | | 269 | 10 |
| | | | X | X | 2695 □ | 10 |
| Х | | X | | | 820 | 11 |
| X | | | X | x | 820S 🗆 | 11 |
| | X | X | | | 120 | 10 |
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| | | X | | | 58 | |
| | | | X | X | 58S □ | 672 |
| | | X | | | 151 | 10 |
| | x | X | | | 140 | 10 |
| | X. | | X | X | 140S 🗆 | 10 |
| | | X | | | 1C | 12 |
| | | | | | 269C | 12 |
| | | x | | | 1L | 12 |
| | | X | | | 269L | 12 |
| X | | <u> </u> | | | 820L | 12 |
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| | | | x | X | 57S 🗆 | |
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| X | | | | | 840 | 11 |
| | | x | | | 118 | 10 |
| | | | × | × | 1185 🗆 | 10 |

 $[\]hfill \square$ DESIGNATION REQUIRED FOR DISCRIMINATION POSITION SEE PAGE 9 FOR DETAILS.

How to Order — Hyfen Rectangular Connectors

This catalog has been produced to provide the necessary information to order standard HYFEN Connector assemblies.

There are five criteria to be considered in developing the part number for a basic connector assembly. **Note:** Trim Trio contacts must be ordered separately.

1. The body material

2. The number of contact positions

3. Plug or receptacle block

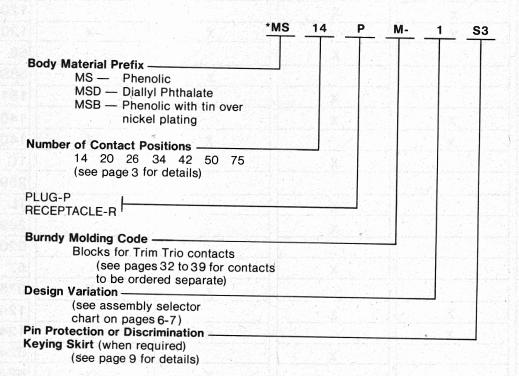
4. The design variation number for the desired accessories (i.e., strain-relief clamps, hoods, guide pins and sockets, or jack screws)

If optional pin protection skirts are required, the discrimination suffix must be indicated. If skirts are not required no designator is to be included in the part numbering.

A Selector Chart for obtaining the required connector assembly has been included. This chart will identify the variation number and the page number in the catalog containing detailed dimensional information.

If the optional pin protection skirt is selected, the appropriate discrimination suffix number must be selected from page 9.

After selecting plug and receptacle assemblies, it is advisable to verify the intermateability of variations by checking the Intermateability Check List on page 8.



^{*}Example Part Number: Phenolic Block; 14 Positions; Plug; For Trim Trio Contacts To Be Ordered Separate; Guide Pin And Socket Variation; And, Pin Protection Skirt With Discrimination Pin In #3 Key Position

Suitcase Hood and Block Assemblies

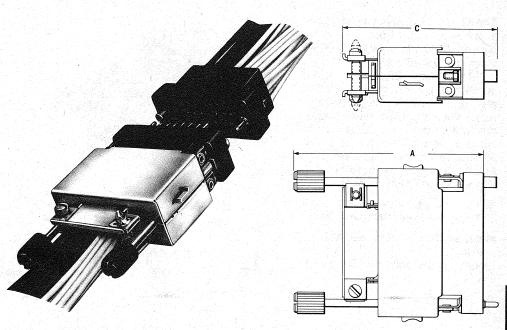
The suitcast hood, preassembled, opens easily for contact insertion, inspection, or changes, and snaps shut. Assemblies can include turnable jack screws, quick disconnects, pin protection skirts, guide pins and sockets. See pages 6-7 for these variations.

Material:

Hood, Cable Clamp Bar, Hinge Block: Aluminum per QQ-A-250. Finish: Gold chromate per MIL-C-5541

Latch: Cooper alloy per ASTM B-122, Alloy 3 or per QQ-C-585 Comp. 5.

Jackscrew: Passivated stainless \steel, A1S1B113 per QQ-S-633. Jackscrew Knob: Nylon per MIL-P-20693, Type 3.



Suitcase Hood and Assemblies

| | Body | Dimensions in Inches |
|---------------------|------|----------------------|
| # | Size | MS-M, MSD-M |
| "A" Dimension | 14 | |
| | 20 | |
| Block with | 26 | |
| rotating jackscrews | 34 | 3.33 |
| and suitcase hood | 42 | |
| | 50 | |
| | 75* | |
| | 14 | |
| "C" Dimension | 20 | |
| | 26 | |
| Block with guide | 34 | 2.56 |
| pins, sockets and | 42 | |
| suitcase hood | 50 | |
| | 75* | |

^{*}May be used on plug only.

Quick Disconnect and Block Assemblies

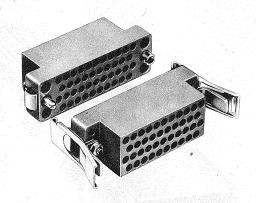
The Quick Disconnect latch is an effective method of positively connecting 14-50 place MS-M HYFEN plugs and receptacles.

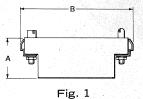
The Quick Disconnect latch consists of a hooked spring on the plug and a retainer on the receptacle. When the plug and receptacle are mated, the spring snaps onto the retainer and locks the plug and receptacle together. The connector halves can be separated by depressing the latch springs.

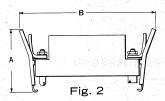
Note: Pin protection skirts cannot be used with this variation.

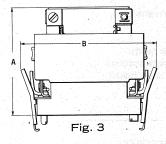
Material: Steel C1070 per MIL-S-8143

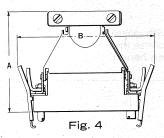
Finish: Nickel plate per QQ-N-290

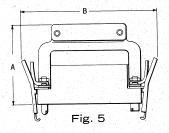












| | | Dimensions in Ir | iches | | | |
|--------------------------------------|--------------|--|---------|--|--|--|
| | Body Size | "A" max. | "B" max | | | |
| Fig. 1 | | MS-M, MSD-M | all | | | |
| Quick Disconnect Latch Retainer | 14 | | 1.46 | | | |
| with Block | 20 | | 1.77 | | | |
| WILLI DIOOK | 26 | .90 | 1.83 | | | |
| | 34 | .90 | 2.20 | | | |
| | 42 | | 2.52 | | | |
| | 50 | | 2.81 | | | |
| Fig. 2 | 14 | | 2.09 | | | |
| | 20 | | 2.40 | | | |
| Quick Disconnect | 26 | | 2.46 | | | |
| Latch Spring with Block | 34 | 1.42 | 2.84 | | | |
| RIOCK | 42 | | 3.14 | | | |
| | 50 | | 3.43 | | | |
| Fig. 3 | 14 | | 2.09 | | | |
| | 20 | 그리고 그리고 있는데 하는 사람들이 되었다. 그렇게 되었다고 있는데 얼마나 없었다. | | | | |
| Quick Disconnect | 26 | 2.59 | 2.46 | | | |
| Latch with Suitcase Hood & Block | 34 | 2.84 | | | | |
| nuuu & Diuck | 42 | | 3.14 | | | |
| | 50 | | 3.43 | | | |
| Fig. 4 | 14 | | 2.09 | | | |
| 网络双圆 电电压弧电池 | 20 | 1.95 | 2.40 | | | |
| Quick Disconnect Latch with Clam- | 26 | | 2.46 | | | |
| shell Hood & | 34 | | 2.84 | | | |
| Block | 42 | 2.27 | 3.14 | | | |
| | 50 | | 3.43 | | | |
| | 14 | 1.66 | 2.09 | | | |
| Fig. 5 | 20 | 1.00 | 2.40 | | | |
| Quick Disconnect Latch with Cable | 26 | 1.83 | 2.46 | | | |
| Clamp & Block | 34 | | 2.84 | | | |
| | 42 | 1.87 | 3.14 | | | |
| | 50 | | 3.43 | | | |

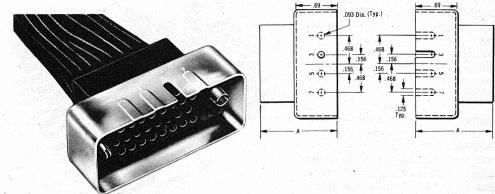
Pin Protection Skirts and Block Assemblies

Pin protection skirts provide contacts with maximum protection from physical damage. The pin protection skirts minimize the danger of short circuiting when connector halves are not mounted.

Material

Aluminum alloy finished with gold chromate per MIL-C-5541.

Pin protection skirts are available in any one of 4 polarizing positions. The location of the polarization pin & slot is specified in the suffix to the catalog number.



| Slot No. | Suffix | Catalo | g Number |
|----------|--------|---------------|----------------------|
| SIUL NU. | Sullix | Plug with Pin | Receptacle with slot |
| 1 | S1 | MSPS1 | MSRS1 |
| 3 | S3 | MSPS3 | MSRS3 |
| 5 | S5 | MSPS5 | MSRS5 |
| 7 | S7 | MŞPS7 | MSRS7 |
| None | S9 | MSPS9 | MSRS9 |

Pin Protection Skirt and Block Assemblies

| | 40.00 | "A" Dimensi | ons in Inches |
|----------------------------|--------------|---------------------------------------|--------------------------------------|
| | Body Size | Block with Guide Pin and Socket | Block with Rotating Jackscrews |
| | | MS-M, MSD-M, | MS-M, MSD-M, |
| | 14 | | |
| Pin Protection Skirt | 20 | | |
| | 26 | | |
| and Block | 34 | 1.42 | 1.45 |
| | 42 | | |
| | 50 | | |
| | 75 | | |
| | 14 | | |
| | 20 | | |
| Pin Protection Skirt, | 26 | | |
| Suitcase Hood and Block | 34 | 2.76 | 3.65 |
| | 42 | | |
| | 50 | | udijedi, |
| | 75 | | |

| | | "A" Dimensions in Inches | |
|--|----------------------|---------------------------------------|--------------------------------------|
| | Body Size | Block with Guide Pin and Socket | Block with Rotating Jackscrews |
| | | MS-M, MSD-M, | MS-M, MSD-M, |
| Pin Protection Skirt, Clamshell Hood and Block | 14 20 26 | 2.24 | 2.24 |
| | 34 42 50 75 | 2.56 | 2.56 |
| Pin Protection Skirt, Cable Clamp and Block | 14 | 1.90 | 1.90 |
| | 20 | 1.91 | 1.91 |
| | 26 | 2.09 | 2.09 |
| | 34 42 50 75 | 2.12 | 2.12 |

Clamshell Hood and Block Assemblies

The clamshell hood, used either with jackscrews or guide pins, allows contacts to be snapped into and removed from the connector without removing the hood. It may be used in conjunction with a quick disconnect or pin protection skirts, See pages 6-7 for these variations.

The hood clamp is designed to accommodate a full complement of #20 AWG wires maximum per MIL-W-16878 (.081 diameter maximum over insulation with or without outer nylon jacket). Clamp will close down to a minimum wire accommodation of 50% capacity.

Material:

Hood: aluminum alloy

Jackscrews: passivated stainless

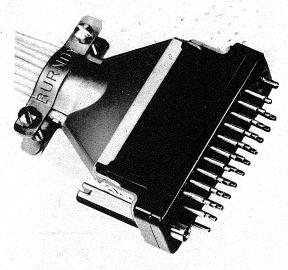
steel

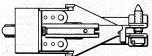
Jack socket: passivated stainless

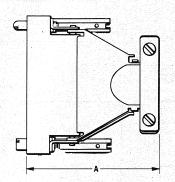
steel

Finish:

Hood: gold chromate per MIL-C-5541



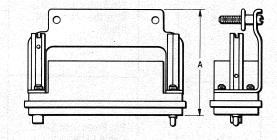




ClamshellHood and Block Assemblies

| Body Size | "A" Dimensions in Inches |
|--------------|--|
| Size | MS-M, MSD-M |
| 14 | |
| 20 | 1.92 |
| 26 | |
| 34 | and the second of the second o |
| 42 | 2.24 |
| 50 | 2.24 |
| 75 | |

Cable Clamp and Block Assemblies



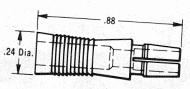
Cable Clamp and Block Assemblies

| Dadu Cina | "A" Dimensions in Inches | | |
|-----------|--------------------------|--|--|
| Body Size | MS-M, MSD-M | | |
| 14 | 1.58 | | |
| 20 | 1.59 | | |
| 26 | 1.77 | | |
| 34 42 | 1.00 | | |
| 50 | 1.80 | | |
| 75 | | | |

The cable clamp is designed for use with all MS-M type miniature rectangular HYFEN connectors and can be fitted to either the plug or receptacle. It may be used with either guide pins or rotating jack screws. The cable clamp affords strain relief and permits easy access to contacts. The conductor restraining screws of the cable clamp are rubber sleeved to prevent damage to the conductor insulation. It can be used with pin protection skirts. See pages 6-7 for these variations.

Quick Disconnect Cable Splice Accommodates Trim Trio Contacts:

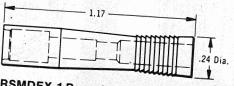
One subminiature coaxial contact or One no. 16 machined or formed contact



RSCDEX-2 Plug

| | COLOR | TABLE | The same |
|-------------|--|-------------|--------------|
| Catalog No. | Color | Catalog No. | T |
| RSCDEX-2 | Natural . | | Color |
| RSCDEX-5 | Black | RSCDEX-9 | Green |
| RSCDEX-6 | 78 - 26 - 50 - 50 - 50 - 50 - 50 - 50 - 50 - 5 | RSCDEX-10 | Yellow |
| | Blue | RSCDEX-11 | Purple |
| RSCDEX-7 | Brown | RSCDEX-12 | V- dell'oxer |
| RSCDEX-8 | Red | | Gray |

Closing with a positive snap this quick disconnect cable splice locks until intentionally separated. At that time a separating force of between three and eleven pounds is all that is needed. This Trim Trio quick disconnect splice offers the user unlimited wiring versatility.



RSMDEX-1 Receptacle

| | COLOI | R TABLE | |
|-------------|---------|------------|--------|
| Catalog No. | Color | Catalog No | |
| RSMDEX-1 | Natural | | Color |
| RSMDEX-5 | | RSMDEX-9 | Green |
| RSMDEX-6 | Black | RSMDEX-10 | Yellow |
| | Blue | RSMDEX-11 | Purple |
| RSMDEX-7 | Brown | RSMDEX-12 | |
| RSMDEX-8 | Red | LA 12 | Gray |