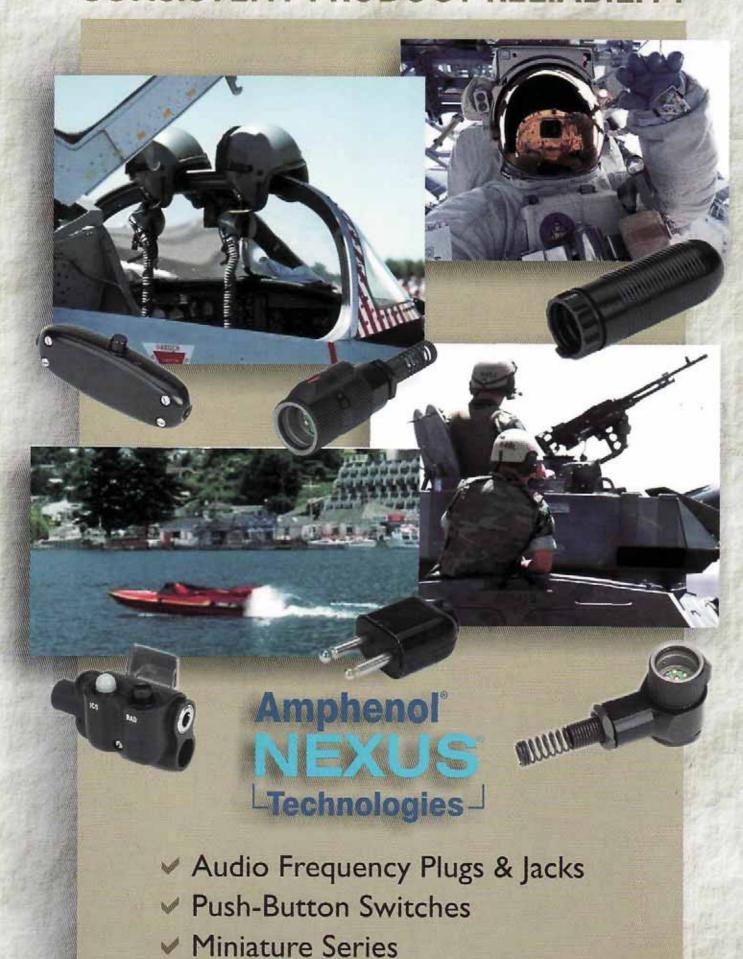
CONSISTENT PRODUCT RELIABILITY



PROBLEM SOLVER.

NEXUS, Incorporated was established in 1961 and was purchased by Amphenol Corporation in July, 2008. Amphenol NEXUS Technologies offers design and production of superior quality audio plugs, jacks and momentary push-button switches.

Nexus Connectors:

- specified in OEM headset applications where "breakaway-style" audio connectors are required
- the standard in military/commercial communication headset markets

Nexus Switches:

- strong, "tactile-feedback" feature
- designed for applications that require durable, reliable and cost-effective switching

Applications:

- Military
- Commercial Aviation Electronics
- Medical Products
- Telecommunications
- Simulation Controls
- Auto Racing
- Powerboat Racing
- Farm Equipment



OMJ-101

PROBLEM: Our customer wanted to overmold a miniature 2-pin jack, but due to the special shape of the contacts, was unable to do this.

SOLUTION: We used stamping and molding processes and were able to deliver a solution that met their needs.



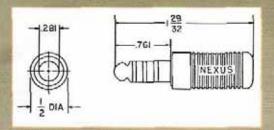
117 Series

PROBLEM: A company had our 7 pin full size environmentally sealed connector in mind when they approached us seeking a smaller version to fit their applications.

SOLUTION: We were able to reduce the size by 50% and also maintain the same properties as the larger version.





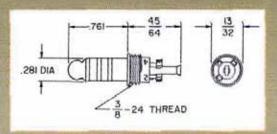


Four Conductor Telephone Plug

Mates with Nexus Series TJ-120, TJ-102, TJS-102, and TJ-101 jacks. One piece nickel plated brass contacts are integrally molded into plastic body.

TP-120-5

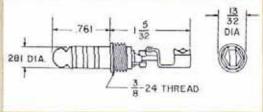




Four Conductor Telephone Plug

Mates with Nexus Series TJ-120, TJ-102, TJS-102, and TJ-101 jacks. For custom molding directly to cable. Same as TP-120-7 but strain relief clip omitted.

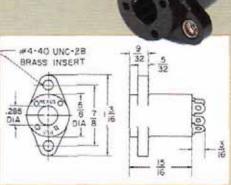




Four Conductor Telephone Plug

Mates with Nexus Series TJ-120, TJ-102, TJS-102, and TJ-101 jacks. For custom molding directly to cable. Same as TP-120 but without plastic shell.

TJ-120

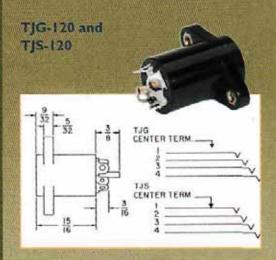


Flanged Rear-Mounted Jack

Mates with Nexus Series TP-120, TP-101, TP-102, and TPSJ-101 plugs. Nickel plated beryllium contacts are anchored in a phenolic body.

CUSTOM SPECS We have the capabilities to make custom variations to meet your specific needs. Call us for the latest design solutions that we offer!





Flanged Rear-Mounted Jacks with Switches Mates with Nexus Series TP-120, TP-101 and TP-102 plugs. A fifth contact has been added to the TJ-120 design in a normally open circuit with the No. I contact to make the TJG-120. Insertion of a four conductor plug closes the No. 1-5 contact circuit. The TJS-120 is the same as TJG-120 except the fifth, or switching contact is normally in a closed circuit with the No. I contact. Insertion of a four conductor plug opens the No. 1-5 contact circuit.

Standard plugs and jacks are available for prompt shipment.

Suggested wiring sequences for telephone plugs and jacks are as follows: For binaural headsets, wire the connector - Contact #1 Microphone, high

- Contact #2Left earphone
- Contact #3Microphone, low
- Contact #4Right earphone
- Contact #5Earphones, low

For monaural headsets, wire the connector;

- Contact #1 Microphone, high
- Contact #2Earphones, high
- Contact #3Microphone, low
- Contact #4Earphones, low

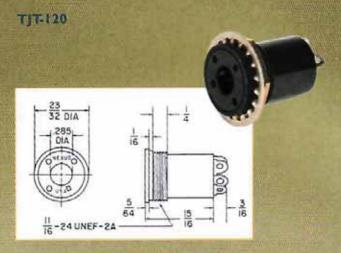
Amphenol[®] _Technologies_

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Fax: 203-324-7623

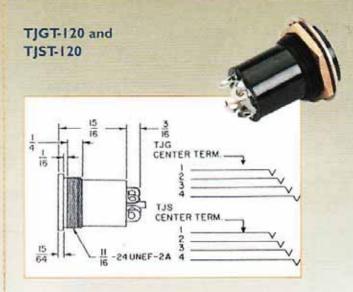
www.nexus.com

email: salesinfo@nexus.com



Threaded Front-Mounted Jack

Mates with Nexus Series TP-120, TP-101 and TP-102 plugs. Same material and construction as the TJ-120, Jack housing is threaded for front mounting by screwing into threaded mounting hole or by inserting into front of panel and securing with nut and lockwasher from behind. Please specify nut and lock washer when ordering.

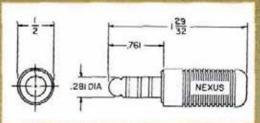


Threaded Front-Mounted Jack With Switches

Mates with Nexus Series TP-120, TP-101 and TP-102 plugs. A fifth contact has been added to the TJT-120 design in a normally open circuit with the No.1 contact to make the TJGT-120. Insertion of a four conductor plug closes the No. 1-5 contact circuit. The TJST-120 is the same as TJGT-120 except the fifth or switching contact is in a normally closed circuit with the No. I contact. Insertion of a four conductor plug open the No. 1-5 contact circuit.

TP-101 (U-174/U, M9177/2-1)



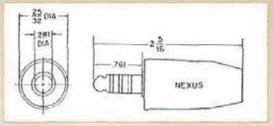


Four Conductor Telephone Plug

Mates with Nexus Series TJ-120, TJ-102, TJT-102, TJS-102, and TJ-101 jacks. One piece monel contacts integrally molded into glass filled nylon plastic.

TP-102 (U-93A/U, M0177/1-1)

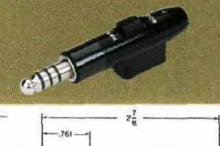


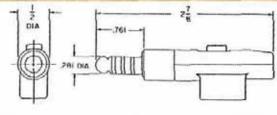


Four Conductor Telephone Plug

Mates with Nexus Series TJ-120, TJ-102, TJT-102, TJS-102, and TJ-101 jacks. Nickel plated brass contacts molded into plastic body. It accommodates larger diameter cable than the TP-101 or TP-120.

TPS1-101

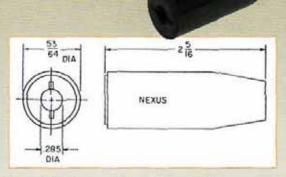




Plug-Switch-Jack Combination

Mates with Nexus Series TJ-120, TJ-102 and TJ-101 jacks. The jack section of the connector mates with a MP-101 plug. Provides the design and electrical characteristics of the TP-101, combined with a manually operated DPDT slide switch and integral two conductor microphone jack.

TJ-102 (U-92A/U, M9177/3-1)



Four Conductor Telephone Jack

Mates with Nexus Series TP-120, TP-101, TPSJ-101 and TP-102 plugs. Nickel plated beryllium contacts are anchored in a glass filled nylon body.



Customer Support . Design Consulting

Engineering

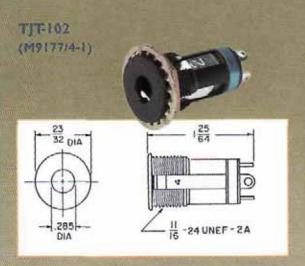
Amphenol[®]

Quality Assurance

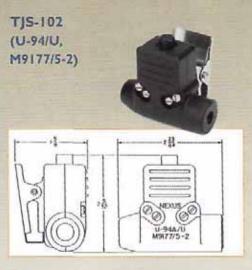


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Four Conductor Telephone Jack Mates with Nexus Series TP-120, TP-101 and TP-102 plugs. A panel mounted version of the TJ-102.



Telephone Jack Switch

Mates with Nexus Series TP-120, TP-101 and TP-102 plugs. Combines a jack similar to TJ-102 with a momentary contact push-button switch and a clothing clip.





Four Conductor Telephone Jack

Mates with Nexus Series TP-120, TP-101, TPSJ-101 and TP-102 plugs. Nickel plated beryllium copper contacts molded into plastic body.



Amphenol NEXUS Facilities and Equipment Include:

- CNC Machining
- Thermoset and Thermoplastic Molding Machines
- Stamping Presses
- Numerous Assembly Fixtures
- Heat Treating Equipment
- CAD (Computer Aided Design)
- Tool Room, Testing Lab, Clean Room
- And other Special Proprietary Processes that are designed to manufacture dependable quality products.

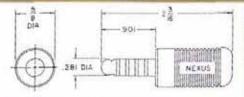
Fax: 203-324-7623 www.nexus.com

email: salesinfo@nexus.com

Tel: 203-327-7300

TP-105 (U-384/U, M642/14-01)

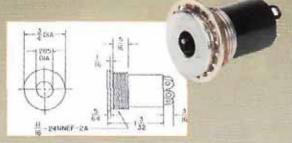




Five Conductor Telephone Plug

Mates with Nexus Series TJ-105 and TJT-125 jacks. One piece monel contacts integrally molded into red plastic body.

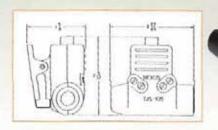
TJT-125



Threaded, Front-Mounted Five Conductor Telephone Jack

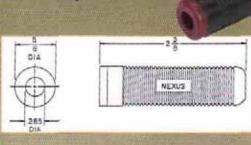
Mates with Nexus TP-105 plug. Similar material and construction as TJT-120 jack, but providing 5 contacts. Jack housing is threaded for front-mounting by screwing into mounting hole or by inserting into front of panel and securing by nut and lockwasher from behind. Threaded mounting is contact No. 5.

TJS-105



Five Conductor Telephone Jack Switch
Mates with Nexus TP-105 plug. Combines a jack similar
to TJ-105 with a momentary contact push-button
switch and a clothing clip.

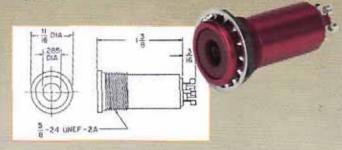
TJ-105 (U385/U, M641/22-01)



Five Conductor Telephone Jack

Mates with TP-105 plug. Nickel plated beryllium copper contacts molded into red plastic body.

TJT-105



Threaded, Front-Mounted Five Conductor Telephone Jack

Mates with TP-105 plug. Jack housing is threaded for front-mounting by screwing into mounting hole or by inserting into front of panel and securing by nut and lockwasher from behind. All five contact terminations from rear of jack, threaded mounting is not a contact. Nickel plated beryllium copper contacts molded into red plastic body.

For more information visit our website www.nexus.com

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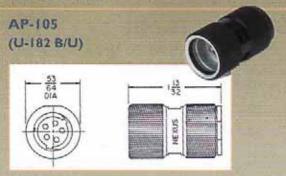
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Five Conductor

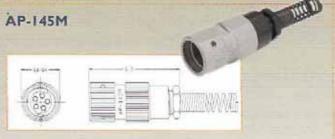
Wire strain relief, crimp sleeve terminals. Rigid contacts. AP-126 (M55116/2) is the same as the above except with six contacts.



Five Conductor

Mates with U-183/U and U-288/U. Use with molded rubber strain relief.

AP-106 is the same as above except it has six contacts.



Five Conductor

AP-145 (M55116/3)

Five Conductor

Wire strain relief, crimp sleeve terminals with rigid contacts. The AP-146M is the same as above except it has six contacts.

AP-146 (M55116/4)

Six Conductor

AP-155 (M55116/5)

Five Conductor

AP-156 (M55116/6) Six Conductor

Wire strain relief, solder cup terminals. Molded strain relief, crimp sleeve terminals. Molded strain relief, solder cup terminals.

Shielded Six Conductor

AP-136

Same as AP-126 with provision to terminate shielded cable crimp style. AP-135 is the same as above except it has five contacts. Use AP-176 and AP-175 for solder type contacts.



Five Conductor

Mates with U-183/U and U-288/U. Coil spring strain relief. AP-116 is the same as above except it has six contacts.



Six Conductor

Wire strain relief, crimp sleeve terminals with rigid contacts.

AP-165 (M55116/7)

Five Conductor

Wire strain relief, solder cup terminals. Molded strain relief, crimp sleeve terminals. Molded strain relief, solder cup terminals.

AP-166 (M55116/8)

Six Conductor

Amphenol^{*} NEXUS Technologies-

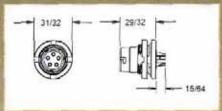
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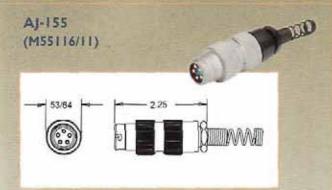
A)-145 (M55116/9)





Five Conductor

Panel mount receptacle with spring loaded contacts. Connector includes Nut and O-ring.



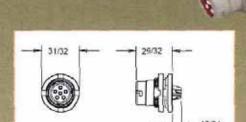
Five Conductor

In-line receptacle with crimp sleeve contacts.

Connector includes Wire Cable Strain.

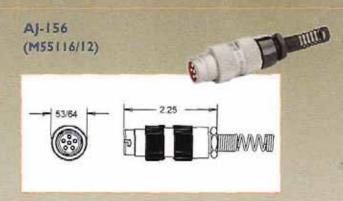
AJ-165 (M55116/13) is the same as the above except with solder-cup contacts.

A)-146 (M55116/10)



Six Conductor

Pane Imount receptacle with spring loaded contacts. Connector includes Nut and O-ring.



Six Conductor

In-line receptacle with crimp sleeve contacts.

Connector includes Wire Cable Strain.

AJ-166 (M55116/14) is the same as the above except with solder-cup contacts.

PROBLEM SOLVER.

Your supplier for the complete family of M55116.

Amphenol Nexus Technologies has capabilities to supply the complete family of M55116. We are qualified for all slash numbers (/1 through /14) and all dashes (-0 through -5). We are also able to manufacture special modifications of the above connectors including filtered and shielded versions.



AP-136RA

We re-designed our in-line six pin shielded conductor and added a 90° angle back-end to the connector to redirect the wires. The wire location can be indexed 180°.



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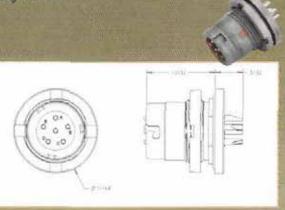
Fax: 203-324-7623

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NEW PRODUCTS

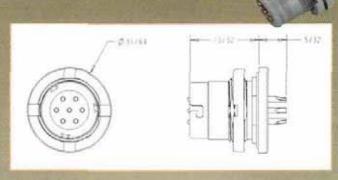
MAJ-17-00

MAJ-16-00



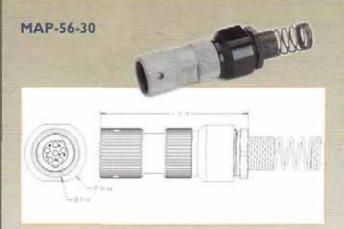
Six Conductor

Panel mount receptacle with spring loaded contacts. Connector includes Nut and O-ring. Mates with MAP-56-30.



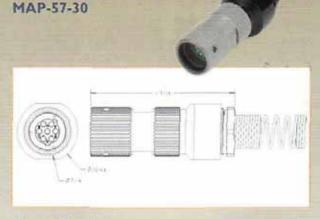
Seven Conductor

Panel mount receptacle with spring loaded contacts. Connector includes Nut and O-ring. Mates with MAP-57-30.



Six Conductor

In-line male connector. Mates with MAJ-16-00.



Seven Conductor

In-line male connector. Mates with MAJ-17-00.

Your Supplier for
Mini Ruggedized Commercial
& Military Audio Plugs
Six and Seven Conductors

Connectors shown are set-up with a back shell for .250" cable. We also have the capabilities to accommodate smaller or larger size cable diameters to fit your needs.

conductor miniature connectors. These connectors are made to exacting specifications of MIL-M55116. We are also able to manufacture special modifications including filtered, shielded, and PC tail contacts. Ensuring that you get a perfect fit, we can make modifications to your specific needs. These connectors meet all electrical and waterproofing requirements and most of the mechanical requirements of M55116.

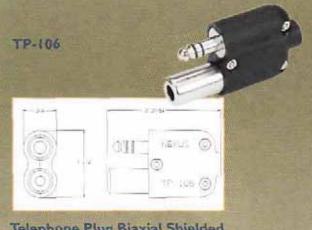
Amphenol Nexus Technologies is proud to announce it's latest six and seven

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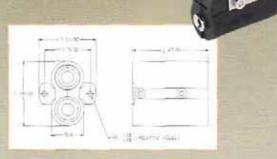
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Telephone Plug Biaxial Shielded Six Conductor

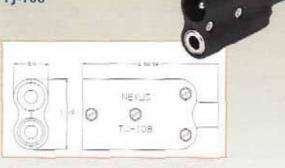
Mates with Nexus Series TJ-106, TJS-106 and TJSS-106 jacks.





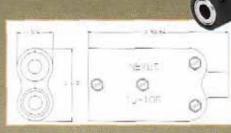
Telephone Jack Biaxial Shielded Six Conductor Panel Mount Mates with Nexus TP-106 plug.

TJ-108



Telephone Plug Biaxial Shielded Eight Conductor Mates with Nexus TP-108 plug.

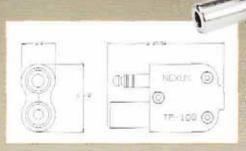
TJ-106



Telephone Jack Blaxial Shielded Six Conductor

Mates with Nexus TP-106 plug.

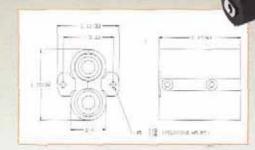
TP-108



Telephone Plug Biaxial Shielded Eight Conductor

Mates with Nexus TJ-108, TJS-108, and TJSS-108 jacks.

TJ-108PM



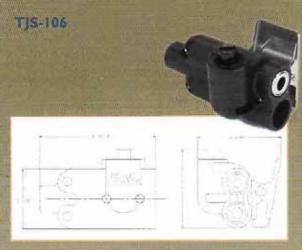
Telephone Jack Biaxial Shielded Eight Conductor Panel Mount Mates with Nexus TP-108 plug.



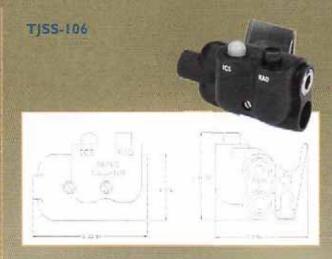
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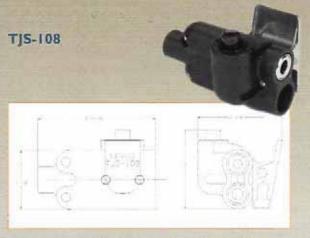
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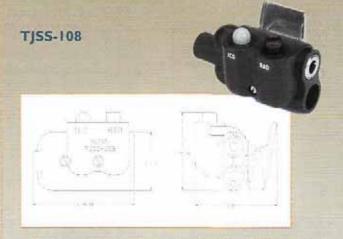
Telephone Jack Switch Biaxial Shielded Six Conductor Mates with TP-106 plug.



Telephone Jack, Two Switches Biaxial Shielded, Six Conductor Mates with Nexus Series TP-106 plug.



Telephone Jack Switch Biaxial Shielded Eight Conductor Mates with Nexus TP-108 plug.



Telephone Jack, Two Switches Biaxial Shielded, Eight Conductor Mates with Nexus TP-108 plug.

PROBLEM SOLVER.

Amphenol Nexus Technologies developed these connectors at the request pf our customer to meet special project requirements of Tempest. We have the engineering capability to design connectors and electro-mechanical devices to meet special applications. We welcome your inquiries.



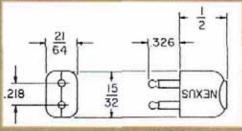
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MP-101 (U-173/U)



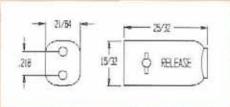


Two Pin Microphone Plug

Mates with Nexus MJ-101, MJ-102, MJ-122, MJ-132, MJ-112, and TPSJ-101 two conductor jacks. Nickel plated beryllium copper contacts assemble into nylon body.

MJ-102 (U-179A/U)





Two Conductor Microphone Locking Jack

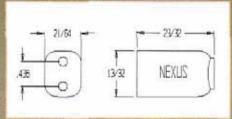
Mates with Nexus MP-101 two conductor plug. Similar to MJ-101 jack in electrical and material characteristics, but with spring-actuated locking design and manual button release.



MOLDING

MJ-101 (U-172/U)

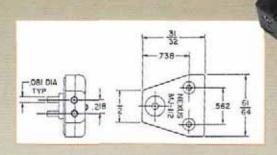




Two Conductor Microphone Jack

Mates with Nexus MP-101 two conductor plug. Nickel plated beryllium copper contacts assemble into nylon body.

MJ-112

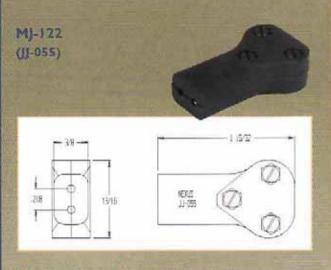


Two Conductor Microphone Jack

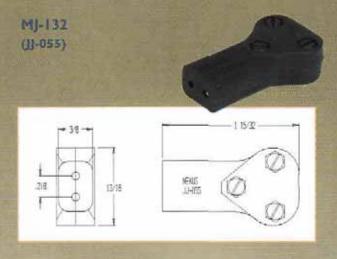
Mates with Nexus MP-101 two conductor plug.

Special oxygen mask connector, nickel plated beryllium copper contacts, spring-actuated locking design and manual button release. Assembled in ABS body.





Two Conductor Microphone Jack Mates with PJ-291, PJ-292 and Nexus MP-101 two conductor plugs. Nickel plated beryllium copper contacts assemble into glass filled nylon body.

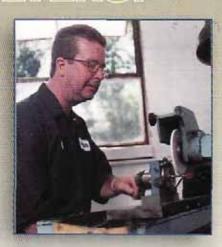


Two Conductor Microphone Jack Identical to MJ-122 except used with smaller diameter cable.





IN-HOUSE TOOLING



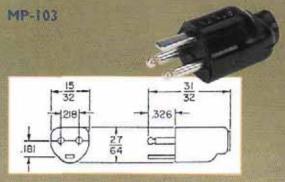
TESTING LAB



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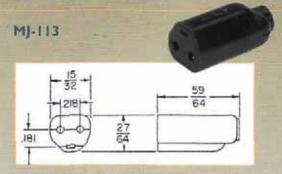
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Microphone Plug, Three Conductor

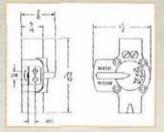
Mates with Nexus MJ-103 microphone jack three conductor Nickel plated beryllium copper and brass contacts assemble into nylon body.



Microphone Jack, Three Conductor

Mates with Nexus MP-103 microphone plug, three conductor. Same as MJ-103 but without locking contacts. Nickel plated beryllium contacts assemble into nylon body.

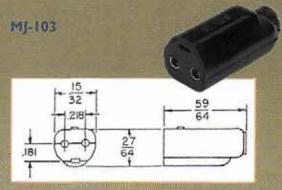
MJS-103





Microphone Jack Switch

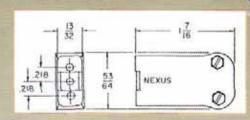
Functions as a selector switch to choose either a boom microphone or a gasmask microphone by use of the switch lever. Mating connectors are two Nexus MP-103 plugs and one MJ-103 locking jack. This switch will also function with Nexus MP-102 and MJ-102 if the third circuit is not required.



Microphone Locking Jack, Three Conductor

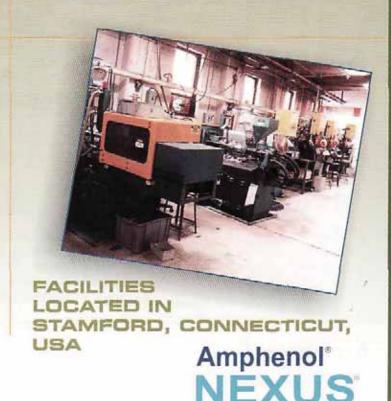
Mates with Nexus MP-103 microphone plug, three conductor. Nickel plated beryllium copper contacts, spring actuated locking design liwth manual button release, assemble into nylon body.

MJ-123



Three Conductor Jack

Special three conductor jack, nickel plated contacts assemble into nylon body.



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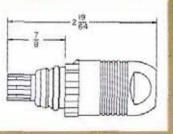
email: salesinfo@nexus.com

-Technologies-

AP-107



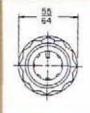


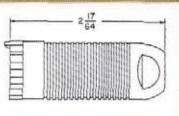


Seven Conductor, Watertight Breakaway Plug Mates with Nexus AJ-107 jack. A field replaceable connector designed to function in extremely severe environments.

AJ-107



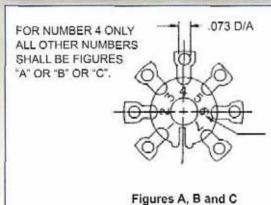


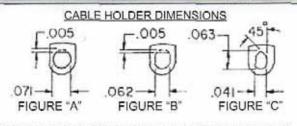


Seven Conductor, Watertight Breakaway Jack Mates with Nexus AP-107 plug. Designed to meet severe environmental conditions. This connector is field replaceable.

HARNESS DATA

NEXUS	CABLE HOLDER			CABLE (6 CONDUCTOR)		
PART NUMBER	PART NUMBER	FIGURE BELOW	CABLE SEAL	WITH SHIELD		
AP-107XL AJ-107XL	AP-107-3BXL AJ-107-3GXL	А	AP-107-27	.275 D/A .070 D/A .060 D/A OVER		
AP-107XLS AJ-107XLS	AP-107-3BXLS AJ-107-3BXLS	В	AP=107-27	MIL-C-3885		
AP-107 AJ-107	AP-107-3B AJ-107-3G	С	CUSTOMER MOLDS STRAIN RELIEF, THEN USES AP-107-27	.172 D/A .039 D/A .038 D/A OVER		
AP-107A AJ-107A	AP-107-3B AJ-107-3G	С	AP-107-31	MIL-C-55668		





CONDUCTOR LOCATION NUMBERS ON CABLE HOLDER NUMBERS CLOCKWISE FOR PLUG (BLUE CABLE HOLDER) NUMBERS COUNTERCLOCKWISE FOR JACK (GREEN CABLE HOLDER)

Amphenol[®]
NEXUS[®]
Technologies

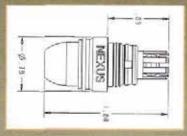
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AP-107DR



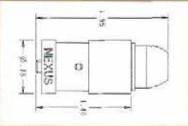


Over-moldable, Seven Conductor, Waterproof Plug

Mates with Nexus AJ-107DR jack. Snap on cap and insulation piercing terminals.

AJ-107DR

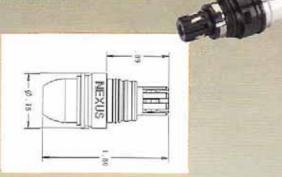




Over-moldable, Seven Conductor, Waterproof Jack

Mates with Nexus AP-107DR plug. Snap on cap and insulation piercing terminals.

AP-107DRS

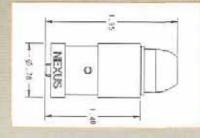


Over-moldable, Seven Conductor, Shielded Waterproof Plug

Mates with Nexus AJ-107DRS jack. Patented shielding back shell design. Snap on cap and insulation piercing terminals.

AJ-107DRS





Over-moldable, Seven Conductor, Shielded Watertight Breakaway Jack

Mates with Nexus AP-107DRS plug. Patented shielding back shell design. Snap on cap and insulation piercing terminals.



SHIPPING DEPARTMENT



Tel: 203-327-7300

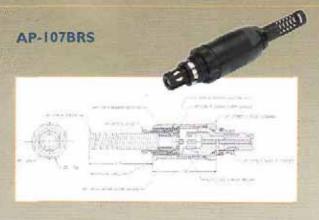
Fax: 203-324-7623

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AP-107BR

Seven Conductor, Waterproof Plug

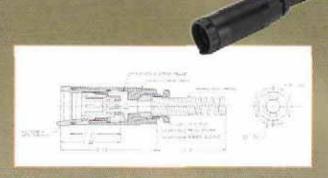
Mates with Nexus AJ-107BR jack. Wire strain relief and solder terminals.



Seven Conductor, Shielded Waterproof Plug

Mates with Nexus AJ-107BRS jack. Wire strain relief and solder terminals. Termination method is similar to the AP-136.

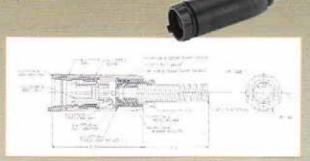




Seven Conductor, Waterproof Jack

Mates with Nexus AP-107BR plug. Wire strain relief and solder terminals.

AJ-107BRS



Seven Conductor, Shielded Waterproof Jack

Mates with Nexus AP-107BRS plug. Wire strain relief and solder terminals. Termination method is similar to the AP-136.

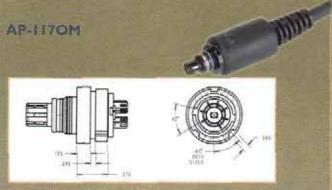




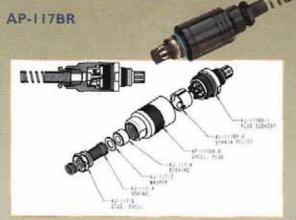
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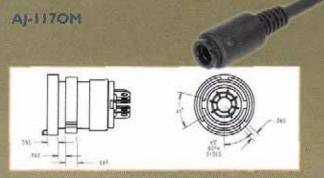
Seven Conductor, Miniature Waterproof Plug Over mold version, solder terminals, mates with all versions of the AJ-117.



Seven Conductor, Miniature Waterproof Plug Wire strain relief and solder terminals, .148" max cable diameter, mates with all versions of the AJ-117.



Seven Conductor, Miniature Waterproof Plug Wire strain relief and solder terminals, .250" max cable diameter, mates with all versions of the Al-117.



Seven Conductor, Miniature Waterproof Jack Over mold version, solder terminals, mates with all versions of the AP-117.



Seven Conductor, Miniature Waterproof Jack Wire strain relief and solder terminals, .148" max cable diameter, mates with all versions of the AP-117.



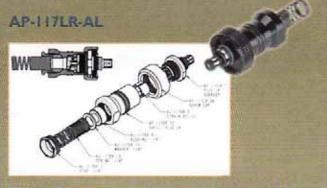
Seven Conductor, Miniature Waterproof Jack Wire strain relief and solder terminals, .250" max cable diameter, mates with all versions of the AP-117.



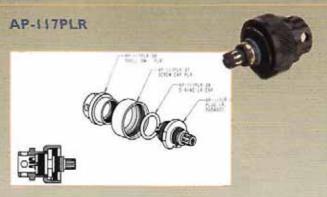
Tel: 203-327-7300

Fax: 203-324-7623

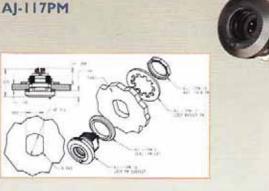
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Seven Conductor, Miniature Waterproof Plug With locking ring, wire strain relief and solder terminals, .250" max cable diameter, mates with AJ-117LR-AL.



Seven Conductor, Miniature Waterproof Plug Over mold plug with locking ring, solder terminals, mates with AJ-117PLR.

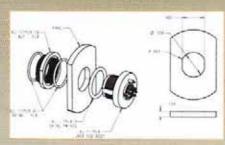


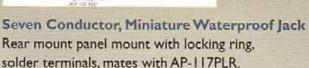
Seven Conductor, Miniature Waterproof Jack Front mount panel mount solder terminals, mates with all versions of the AP-117. Nut and lockwasher are included.

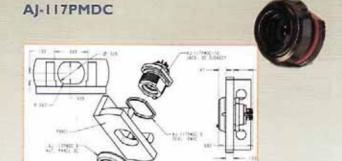


Seven Conductor, Miniature Waterproof Jack
With locking ring, wire strain relief and solder terminals,
.250" max cable diameter, mates with AP-117LR-AL.

AJ-117PLR







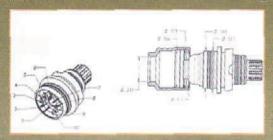
Seven Conductor, Miniature Waterproof Jack Rear mount panel mount solder terminals, mates with all versions of the AP-117.



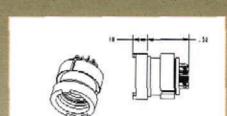
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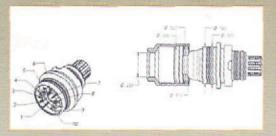
Ten Conductor, Miniature Waterproof Plug Over mold version, solder terminals, mates with AJ-110OM.



Ten Conductor, Miniature Waterproof Jack
Over mold version, solder terminals, mates AP-110OM.

AP-1100MS



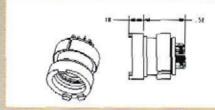


Ten Conductor, Miniature Waterproof Plug Shielded version of AP-110OM. Mates with Al-110OMS.



A1-1100M





Ten Conductor, Miniature Waterproof Jack Shielded version of AJ-110OM. Mates with AP-110OMS.



IN-HOUSE CNC MACHINING



ASSEMBLY



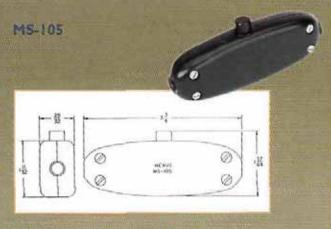
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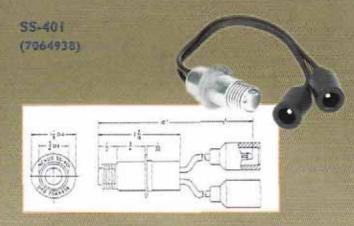
email: salesinfo@nexus.com

/ay/Waterproof I0 Pin Connector



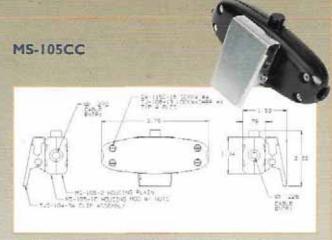
In-Line Multi-Purpose Switch

An in-line push button switch that is adaptable to a number of arrangements.

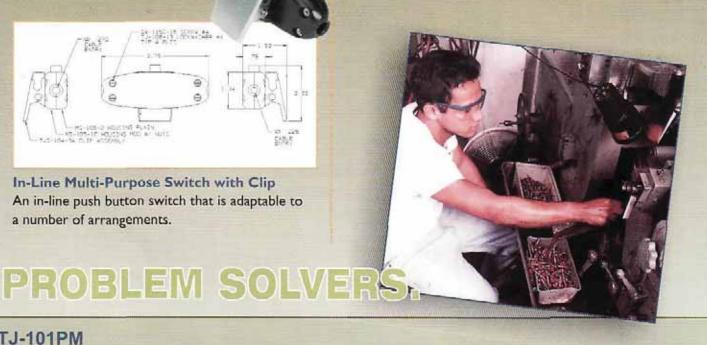


Push-Button Bellows Switch, Watertight

Used in areas requiring a watertight push-button switch exposed to extreme environmental conditions. Approved by U.S. Army Tank-Automotive Material Readiness Command.

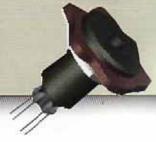


In-Line Multi-Purpose Switch with Clip An in-line push button switch that is adaptable to a number of arrangements.



TJ-101PM

PROBLEM: The customer was looking for a panel mount 4-conductor jack that was sealed in the back. This seal will prevent water from leaking into the box. SOLUTION: Utilizing a NEXUS in-line jack and a specially designed housing, we were able to solve the problem and provide a sample to their factory within one week.

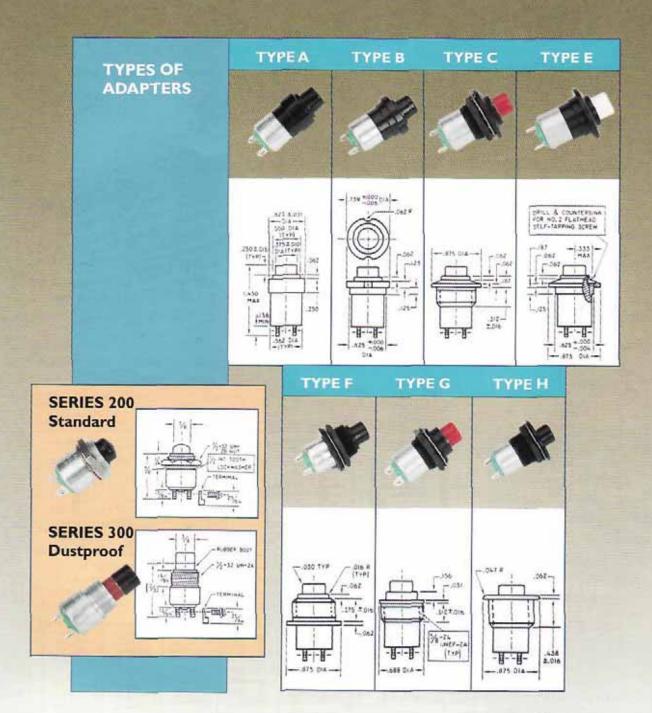




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SPECIFICATIONS

AC Rating: 10 amps at 115 vac (Resistive load)

5 amps at 115 vac (Inductive load) 3 amps at 115 vac (Lamp load)

DC Rating: 10 amps at 28 vdc (Resistive load)

5 amps at 28 vdc (Inductive load) 3 amps at 28 vdc (Lamp load)

Type 7 Contact

Arrangement: Ratings are one half amperage

Mechanical

Life:

500,000 cycles

Action:

Momentary snap or push-pull

(as specified)

Plunger

Travel:

.085 inch (approx.)

Operating

Force:

Ser. 20 & 30

3 to 5 pounds momentary 1/2 to 2 pounds push-pull

Ser. 22 & 32 2 to 3 pounds

Weight:.

050 pound maximum

Case:

Aluminum alloy, 2001 - T3, anodized

in accordance with MIL-A-8625

Plunger:

Glass filled nylon

Body:

Diallyl phthalate in accordance with

MIL-M-14

Terminals:

Threaded 2-56 NC-2B

Terminal

Hardware:

Solder-type wire terminals, with

terminal mounting screws and

lockwashers, supplied with each switch

Mounting:

Basic switch supplied with 1/2-32 UN-2B nut and internal tooth lockwasher. Switch with mounting adapter C, F, G or H supplied with 5/8-24 UNEF-2B nut and internal

tooth lockwasher.

Special:

Additional types of mounting, button

styles, colors, and other variations are

available on special order.



SINGLE POLE NORMALLY OPEN SHIGLE POLE NORMALLY CLOSED

(2) SPNO

(1) SPIIO

(3) z-CIRCUIT (4) 3-TERMINAL SINGLE POLE NORMALLY OPEN

(6) 3-TERMINAL SINGLE POLE NORMALLY CLOSED

(6) SPDT (7) DPST-NO SINGLE POLE DOUBLE THROW

BUTTON STYLES

I. SWITCHES WITHOUT ADAPTERS — The button height dimension shown for both Series 300 switches is taken from top of rubber boot to top of button. Button numbers 1, 3 (push-pull), and 5 is for the Series 300 dustproof switches. The only button available for Series 200 switches is the Number 2. The button height dimension shown is taken from the top of the housing to the top of the button.

With Switches Without Adapter Adapters (See Note 1) Adapter No. 8 No. 1 No.3 No. 5 No. 6 Switches With Adapters (See Note 2)

2. SWITCHES WITH ADAPTERS — The button height dimension shown for both series of switches is taken from top of adapter to top of button. Button numbers 1, 3 (push-pull), and 5 is for the Series 300 dustproof switches. Buttons 2, 6 and 8 are for the Series 200 standard switches.



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How To Order

SWITCH SERIES

- 20 Standard momentary or push-pull switches 22 Standard switches with 2 -pound operating force
- 30 Dustproof momentary or push-pull switches
- 32 Dustproof switches with 2-pound operating force

ADAPTERTYPE

- O Basic switch (no adapter)
- A Switch with MIL type A adapter
- B Switch with MIL type B adapter C Switch with MIL type C adapter
- E Switch with MIL type E adapter
- F Switch with MIL type F adapter
- G Switch with MIL type G adapter H - Switch with MIL type H adapter

ADAPTER COLOR

- B Standard color, black
- R Red

CONVERSION TABLE - MIL-S-8805/3 TYPE NUMBERS AND NEXUS EQUIVALENTS

- C Clear metal (aluminum)
- O Without adapter

CONTACT ARRANGEMENTS

- 1 SPNOSingle pole, normally open
- 2 SPNCSingle pole, normally closed
- 3 2-CIRTwo circuit
- 4 3-TNOThree terminal, normally open
- 5 3-TNCThree terminal, normally closed
- 6 SPDTSingle pole, double throw
- 7 DPSTDouble pole, single throw, normally open

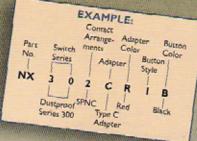
BUTTON STYLE

Numbers I through 8,

see Button Styles on page 16

BUTTON COLOR

- B Standard color, black
- R Red
- G Gray
- W White



For switches with configurations and characteristics covered by MILS-S-8805/3, use the following table to convert from MIL to NEXUS part numbers. Order the NEXUS switch number shown in BOLD FACE below the MS25089 number. For white buttons, substitute W for B in the NEXUS part number.

M	DUNTING	SWITCH	BUTTON	CONTACT 1 4	CONTACT 2	CONTACT 3 1	CONTACT 4-	CONTACT 5
A	\$	MOMENTARY	Black	M526089-1A NX301AB1B M53609-1AR NX301AB1R	MS25089-2A NX302AB1B NX302AB1R	MS25089-3A NX303AB1B	MS25089-4A NX304AB1B MS25099-4AR NX304AB1R	MS25089-6A NX305AB1B MS25089-5AR NX305AB1R
В	\$	MOMENTARY	Black	MS25089-18 NX301BB1B MS301BB1R	M525089-28 NX302BB1B	MS25089-3B NX303BB1B	M\$25089-48 NX304BB1B M\$25089-480 NX304BB1R	MS25089-5B NX305BB1B MS25089-5BB NX305BB1R
C 🔊	\$	MOMENTARY	Black Red	M\$25089-1C NX301CB1B MX301CB1R	MS25089-2C NX302CB1B NX302CB1R	MS25089-3C NX3030B1B NX3030B1R	MS25089-4C NX3040B1B MS25089-4CR NX3040B1R	MS25089-5C NX305CB1B MS25089-6CR NX306CB1R
		PUSH-PULL	Black	MS25089-1C-1 NX301CB3B MS25089-1CF-1 NX301CB3R	MS25089-2C-1 NX302CB3B	MS25089-3C-1 NX303CB3B NX303CB3R		
E	S	MOMENTARY	Black Red	MS25089-1E NX301EB1B MS25089-1EB NX301EB1R	MS25089-2E NX302EB1B MS302EB1R	M525089-3E NX303EB1B M525029-3ER NX303EB1R	MS25089-4E NX304EB1B MS25009-4ER NX304EB1R	M526089-5E NX308EB1B NX305EB1R
F	P	MOMENTARY	Black Red	MS25089-1F NX301FB1B MS25009-1FR NX301FB1R	MS25089-2F NX302FB1B IAS 26080-2FE NX302FB1R	MS25089-3F NX303FB1B MS25088-3FR NX303FB1R	MS26089-4F NX304FB1B MS26089-4FD NX304FB1R	M\$25089-5F NX305FB1B M\$25089-5FR NX308FB1R
		PUSH-PULL	Black	M\$26089-1F-1 NX301FB3B M\$36089-17-8-1 NX301FB3R	MS25089-2F-1 NX302FB3B AS25089-2F-1 NX302FB3R	MS25089-3F-1 NX303FB3B MS26089-3FP-1 NX303FB3R		
G	S	MOMENTARY	Black	MS25089-1G NX301GB1B MS25089-1GR NX301GB1R	M525089-2G NX302GB1B M525035-3-G NX302GB1R	M\$26089-3G NX303GB1B M\$26089-39A NX303GB1R	M\$25089-4G NX304GB1B M\$25689-4GR NX304GB1R	MS25089-5G NX305GB1B MS25090-5GR NX305GB1R
		PUSH-PULL	Black	MS25089-1G-1 NX301GB3B MS25058-155-1 NX301GB3R	M525089-2G-1 NX302GB3B M536089-205-1 NX302GB3R	MS25089-3G-1 NX303GB3B MS25039-3GE-1 NX303GB3R		
Н	\$	MOMENTARY	Black	MS25089-1H NX301HB1B MS35080-1HB NX301HB1R	M525089-2H NX302HB1B	M525089-3H NX303HB1B M525090-3HP NX303HB1R	M\$25089-4H NX304HB1B M\$25089-4HB NX304HB1R	MS25089-5H NX305HB1B MS25089-5HR NX305HB1R
		PUSH-PULL	Black Red	MS25089-1H-1 NX301HB3B	M526089-2H-1 NX302HB3B NX302HB3R	M525089-3H-1 NX303HB3B NX303HB3R		10



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Fax: 607-563-5157
www.umphenol-aerospace.com
www.amphenol-industrial.com

Amphenol Corporation Amphenol Aerospace 2010 Corporate Ridge McLean, VA 22101 Phone: 1-800-678-0141

OTHER AMPHENOL DIVISIONS Amphenol Backplane Systems 18 Celina Avenue Nashua, NH 03063 Phone: 888-318-3553 Fax: 603-883-0171 Web: www.amphenol.abs.com

Amphenol Canada 605 Milner Ave. Toronto, Ontario M1B 5X6 Phone: 416-291-4401 Fax: 416-292-0647 Web: www.amphenolcanada.com

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SV Microwave

RF Connectors & Components, an Amphenol Company 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409 Phone; 561-840-1800 Fax: 561-844-8551 E-mail: sales@symicro.com Web; www.symicrowave.com DISTRIBUTORS Corporate Headquarters Alphabetical Listing

ARROW ELECTRONICS 7459 S. Lima Street Englewood, CO 80112-5816 Phone: 800-833-3557 Fax: 800-582-3542 Web: www.arrow.com

AVNET 2211 47th Street Phoenix, AZ 85034 Phone: 800-332-8638 Web: www.avnet.com

TTI INC. 2441 Northeast Pkwy. Fort Worth, TX 76106 Phone: 800-225-5884 Fax: 817-740-9494 Web: www.ttiinc.com

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