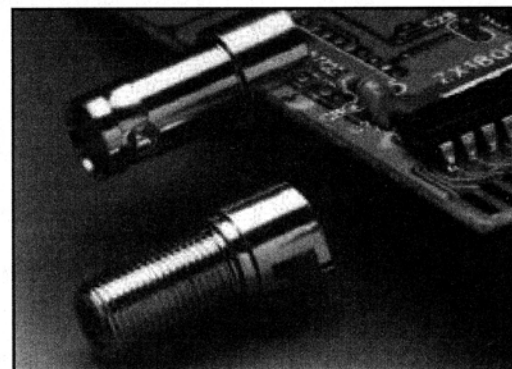


V-Bite® PC Edge Mount

The V-Bite® is an industry award winning design PCB connector with all the advantages a designer could want. It edge mounts to the board which offers the lowest profile and utilizes very little PCB real estate. It lends itself to surface mount and through-hole soldering techniques. There are versions for IR and convection reflow soldering. Because the connector locks into place both above and below the PCB it disperses rotational torque relief to the board and not the solder points. The V-Bite® design offers the lowest VSWR ratings due to the straight through-put contact design. No right angles for reflection. Available in 50 and 75 ohm, threaded and non-threaded. Other options for PCB thickness available. Other interfaces available. See "F" section.

Part Number	Description	Imp	Contact	Fig. No.
361V504ER	BNC Jack W/ Teflon For Reflow Solder	50Ω	Phos./Gold	39A
361V504ET	BNC Threaded Jack W/ Teflon For Reflow Solder	50Ω	Phos./Gold	39
361V509E	BNC Jack W/ Polyethylene Insulator	50Ω	Phos./Tin	39A
361V509ET	BNC Threaded Jack W/ Polyethylene Insulator	50Ω	Phos./Tin	39
361V509EFT*	BNC Threaded Jack W/ Polyethylen Insitr /Flange	50Ω	Phos./Tin	39B
361V704ER	BNC Jack W/ Teflon For Reflow Solder	75Ω	Phos./Gold	39A
361V704ET	BNC Threaded Jack W/ Teflon For Reflow Solder	75Ω	Phos./Gold	39
361V709E	BNC Jack W/ Polyethylene Insulator	75Ω	Phos./Gold	39A
361V709ET	BNC Threaded Jack W/ Polyethylene Insulator	75Ω	Phos./Gold	39

Less Than One Inch Long



Low Profile .270 High FMS

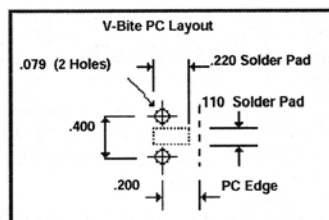
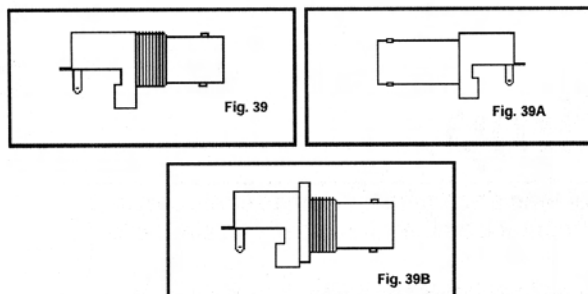
Anti Rotational

VSWR 1.15:1

Patented V-Bite® Snaps Into PCB

Surface Mount Center Contact

Pick & Place Version Available

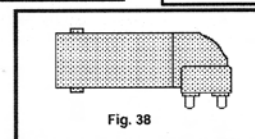
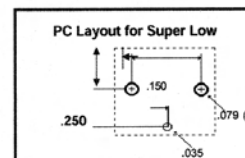
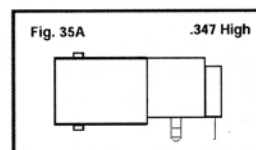


Reduced Size PCB Right Angle Mount

The Super Low™ Profile BNC PC jack reduces the amount of board space needed to mount a PC jack. Board clips hold the unit in place for soldering. The smallest, lowest profile right angle BNC jack available.

The Lo-Deco™ features a four post design that offers greater stability after wave soldering. Also featured is a gold plated contact and nickel plated cast zinc body. Smooth, sleek and aesthetically pleasing design is tumbled to remove casting lines.

Part Number	Description	Imp.	Contact	Fig. No.
364M595M	BNC SuperLow Profile Jack	50Ω	Phos./Gold	35A
364M795M	BNC SuperLow Profile Jack	75Ω	Phos./Gold	35A
364M095	BNC Lo-Deco Jack	50Ω	Phos./Gold	38
364M0975	BNC Lo-Deco Jack	75Ω	Phos./Gold	38



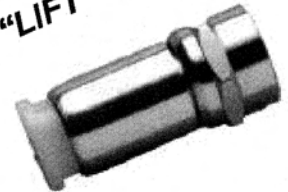
*Denotes that items are not popular and may require a special minimum order quantity.

Push EZ™ "F" Plugs With LIFT™

Bomar's exclusive LIFT® Technology (Low Insertion Force Termination) is used in the patented Push-EZ™ connector. It installs by simply stripping the cable and inserting it into the connector. That's it. And it will not pull out.

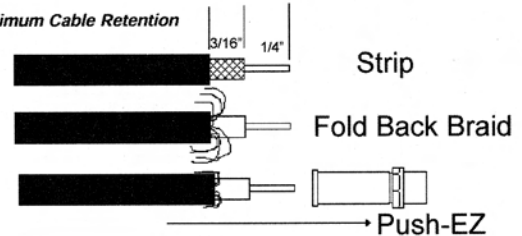
No crimp tooling required.

New "LIFT"™ Technology



Part Number	Description	RG/U Cable	Body Plating
810PE209A	Push-EZ™ Plug with LIFT® Technology	6	Nickel
810PE209G	Push-EZ™ Plug with LIFT® Technology	59	Nickel
810PE205A	Push-EZ™ Plug with LIFT® Technology	6	Gold
810PE205G	Push-EZ™ Plug with LIFT® Technology	59	Gold

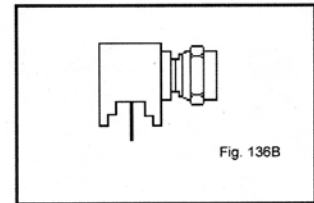
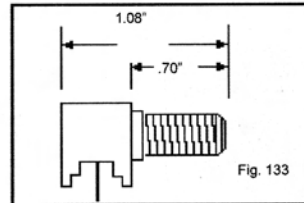
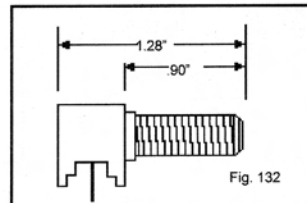
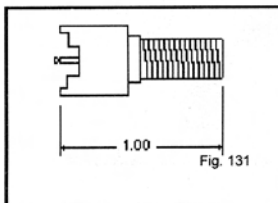
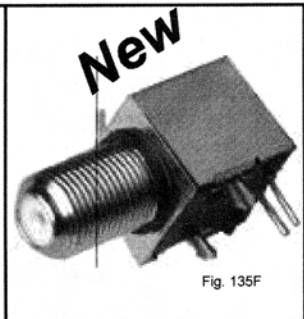
40 lb. Minimum Cable Retention



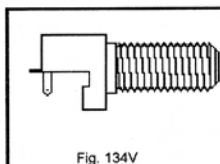
PC Board Connectors

Part Number	Description	RG/U Cable	Fig. No.
861A509	PC Board Jack, Vertical	N/A	131
861V509E	V-Bite™ Edge Mount PC Jack	N/A	134V
861V509ER	V-Bite™ Reflow Type w/ TFE Insulator	N/A	134V
864B509	PC Board Jack, Right Angle, Long	N/A	132
864B509S	PC Board Jack, Right Angle, Short	N/A	133
864F509S	PC Board 4700pF Filtered F Jack, Right Angle	N/A	135F
866B509	PC Board Male, Right Angle	N/A	136B

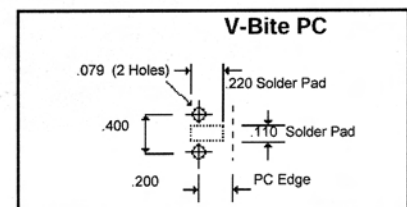
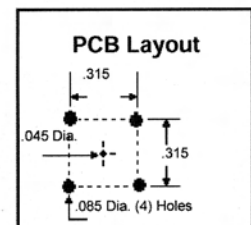
Decoupled, shielded, PCB F jack has 4700 PF capacitance integrated into the unit. The connector fits into standard PCB footprints. Has grounding tab for panel cutout.



The V-Bite™

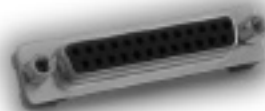


V-Bite™ Mounts on the PC board edge and is extremely anti-rotational. It locks into the board for soldering. Available in reflow soldering version on special order.



627/628 SERIES (Plastic)

Plug and Receptacle, Vertical, PCB Mount, PLASTIC Body



FEATURES

- Low profile available.
- .109" (2.77mm) contact spacing x .112" (2.82mm) row spacing.
- Plug and receptacle in 9-, 15-, 25-, 37-pin contact sizes.
- Pin and socket contact mating design with PC tail termination.
- Metal shell provides EMI/RFI shielding. Plug shell indents provide grounding and additional mating retention.
- Grounding features include two-prong boardlock for exceptional retention to PC board.
- Mounting options for panel mount or connector mating include through-hole, threaded inserts and threaded standoffs.
- D-shaped connector mating outline provides polarization design based on requirements of MIL-C-24308, EIAARS-232 and RS-449.

SPECIFICATIONS

- Insulator Material: Thermoplastic polyester, UL94V-0; chemical resistant; colour - black.
- Contact Material: Plug contacts - brass; receptacle contacts - phosphor bronze.
- Contact Plating: Gold over nickel for the mating area, tin/lead plating on contact tails.
- Shell Material: Nickel-plated steel (tin/lead optional)
- Current Rating: 5 amperes.
- Contact Resistance: 10 milliohms maximum.
- Dielectric Withstanding Voltage: 1000V AC rms at sea level.
- Insulation Resistance: 5000 megohms minimum.
- Operating Temperature: -55° to +125° C.
- Engagement and Separation Force: 1 to 10 oz. (0.28 to 2.78 N) per contact position.

SERIES

627 Plug
628 Receptacle

TOTAL CONTACTS

009, 015, 025, 037

PLATING CODE

2 Gold Flash (Class 3)
3 15m" (0.38mm) (Class 2)
6 30m" (0.76mm) (Class 1)

CONTACT CODE

20 PCTail .140" (3.18mm)
21 PCTail .165" (4.18mm)

EDAC INTERNAL USE

0 Indicates generic internal use code

BODY STYLE

1 Plastic .237" (6.02mm) low profile, polyester

MOUNTING OPTION

1125" (3.18mm) dia. through-hole
2 #4-40 UNC threaded inserts
3 #4-40 UNC threaded standoffs
4 #4-40 UNC threaded insert with dip solder prongs
5 #4-40 UNC threaded standoff with dip solder prongs
6 #4-40 UNC threaded insert with boardlocks
7 #4-40 UNC threaded standoff with boardlocks

ORDERING CODE

Series + Total Contacts + Plating Code + Contact Code + Edac Internal Use + Body Style + Mounting Option = Ordering Code

Example: 627-025-2-20-0-1-7

627/628 SERIES (Metal)

Plug and Receptacle, Vertical, PCB Mount, METAL Body



FEATURES

- Both low and high profiles available.
- .109" (2.77mm) contact spacing x .112" (2.82mm) row spacing.
- Plug and receptacle in 9-, 15-, 25-, 37- and 50-pin contact sizes.
- Pin and socket contact mating design with PC tail termination.
- Metal shell provides EMI/RFI shielding. Plug shell indents provide grounding and additional mating retention.
- Grounding features include two-prong boardlock for exceptional retention to PC board.
- Mounting options for panel mount or connector mating include through-hole, threaded inserts and threaded standoffs.
- D-shaped connector mating outline provides polarization design based on requirements of MIL-C-24308, EIAARS-232 and RS-449.

SPECIFICATIONS

- Insulator Material: Thermoplastic polyester, UL94V-0; chemical resistant; colour - black.
- Ferrite Specifications: Attenuation - 20dB MIN @ 30Mhz, 30dB MIN @ 50Mhz and 50db MIN @ 100Mhz.
- Contact Material: Plug contacts - brass; receptacle contacts - phosphor bronze.
- Contact Plating: Gold over nickel for the mating area, tin/lead plating on contact tails.
- Shell Material: Nickel-plated steel (tin/lead optional)
- Current Rating: 5 amperes.
- Contact Resistance: 10 milliohms maximum.
- Dielectric Withstanding Voltage: 1000V AC rms at sea level.
- Insulation Resistance: 5000 megohms minimum.
- Operating Temperature: -55° to +125° C.
- Engagement and Separation Force: 1 to 10 oz. (0.28 to 2.78 N) per contact position.

SERIES

627 Plug
628 Receptacle

TOTAL CONTACTS

009, 015, 025, 037, 050

PLATING CODE

2 Gold Flash (Class 3)
3 15m" (0.38mm) (Class 2)
6 30m" (0.76mm) (Class 1)

CONTACT CODE

20 PCTail .125" (3.18mm)
21 PCTail .165" (4.18mm)
22 Solder cup termination
28 Ferrite filter

EDAC INTERNAL USE

0 Indicates generic internal use code

BODY STYLE

4 Metal covered .276" (7.00mm) low profile
5 Metal covered .472" (12.00mm) high profile
6 Metal covered machined contacts low profile

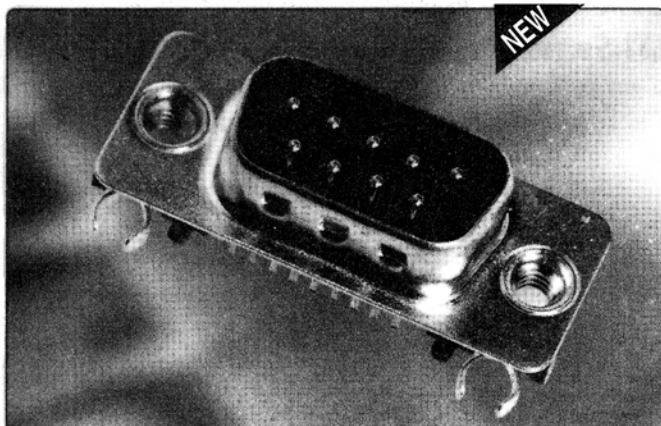
MOUNTING OPTION

1125" (3.18mm) dia. through-hole
2 #4-40 UNC threaded inserts
3 #4-40 UNC threaded standoffs
6 #4-40 UNC threaded insert with boardlocks
7 #4-40 UNC threaded standoff with boardlocks
8 #4-40 UNC threaded fixed standoffs

ORDERING CODE

Series + Total Contacts + Plating Code + Contact Code + Edac Internal Use + Body Style + Mounting Option = Ordering Code

Example: 627-025-2-20-0-4-7



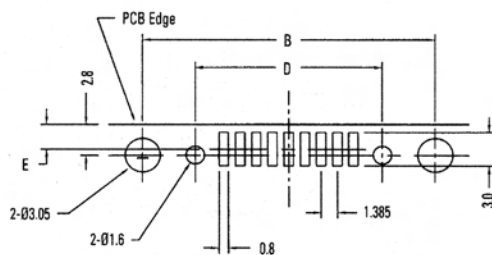
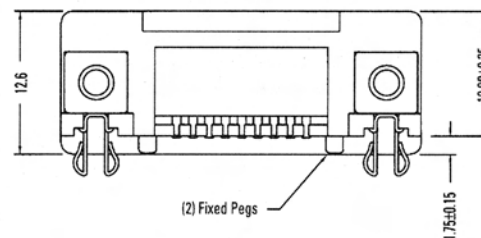
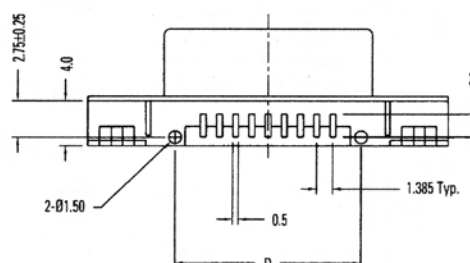
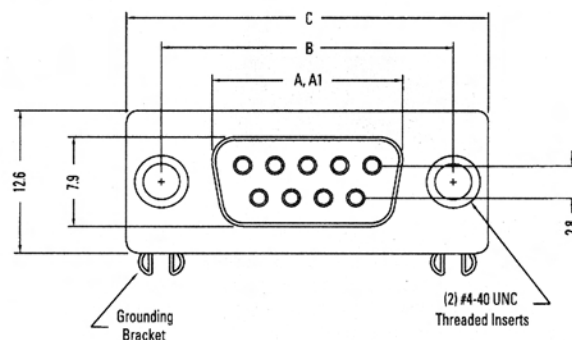
K20HT and K202HT Series Right Angle, Surface Mount

Ordering Information

K20HT	-	E9P	-	N	
Series		Configuration		Mounting Options	Plating Options
Series					
K20HT - Kycon D-Subminiature Connector, Right Angle, Ultra Short Footprint, Surface Mount					
K202HT - Kycon D-Subminiature Connector, Right Angle, Ultra Short Footprint, Surface Mount, Modified PCB Layout					
Configuration					
K20HT					
E9P - 9 Pin Male (Plug)					
B25S - 25 Pin Female (Socket)					
K202HT					
E9S - 9 Pin Female (Socket)					
Mounting Options					
N - With Board Locks and 4-40 Riveted Threaded Inserts					
NJ - With Board Locks, Riveted Threaded Inserts, and 4-40 Hex. Jack Screws Assembled to Connector					
Plating Options and Performance Specifications (see page 4)					

K20 and K202 Series Dimensions

Dimensions in mm

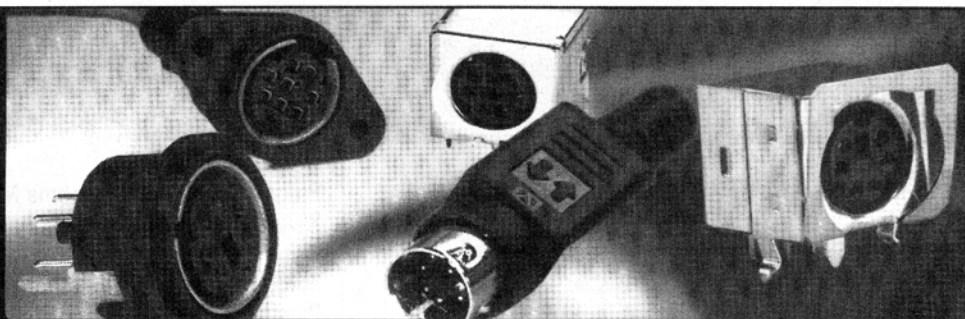


Recommended PCB Layout (Top View)

Shell Size	In mm	A	A1	B	C	D	E
		±.010 ±0.25	±.010 ±0.25	±.005 ±0.13	±.015 ±0.38	±.005 ±0.13	±.005 ±0.13
K20HT-E9P-N	-	.666 16.92	.984 24.99	1.213 30.81	.708 17.98	.128 3.25	
K20HT-B25S-N	1.511 38.38	-	1.852 47.04	2.088 53.04	1.58 40.14	.128 3.25	
K202HT-E9S-N	.643 16.33	-	.984 24.99	1.213 30.81	.626 15.90	.087 2.20	

A = Exterior of Female Shell (S)
A1 = Interior of Male Shell (P)

Mini-DIN Connector



5 CONNECTORS

KYCON Continues its leadership in Mini-DIN connectors by offering a complete line of styles and plating options.



Right Angle

KMDG/KFMDG - Gold Plated
KMDG Stacked - Gold Plated
KMDL - Snap and Lock
KMDT - Slim Design



Vertical

KMDVL - Vertical, Snap and Lock



Panel Mount

KMDPL - Panel Mount, Snap and Lock



Cable Mount

KMDLA - Snap and Lock Cable Mount

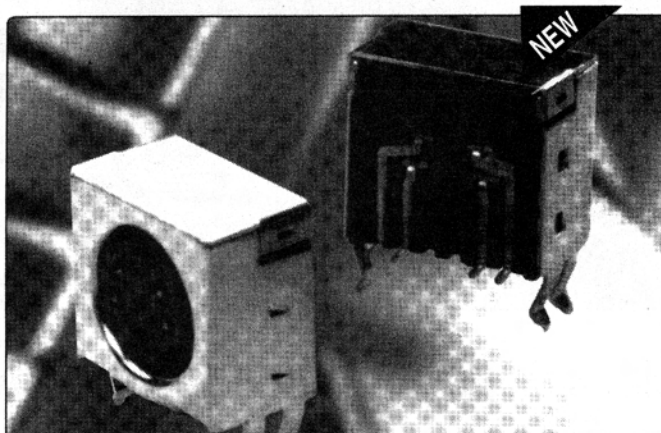
Features



- Audio, Video, Computer, and Digital Equipment Applications
- Snap and Lock Options Available
- PCB and Panel Mount Options
- Variety of Shielding Options for Better Conductivity, Grounding, and EMI/RFI Protection
- Visual and Mechanical Polarization for Plug Insertion
- Reflow Compatible Options Available
- CSA/NRTL Certified File No. LR78160

Mini-DIN Directory

Series	KMDG	KFMDG	KMDG Stacked	KMDL	KMDT	KMDVL	KMDPL	KMDLA
Right Angle	•	•	•	•	•			
Vertical						•		
Panel Mount							•	
Cable Mount								•
Socket	•	•	•	•	•	•	•	
Plug								•
Non-Shielded	•			•		•	•	•
4 Side Shield	•			•	•			
Fully Shielded	•	•	•	•				
Spring Shield	•	•	•					
Low Profile Grounding Tabs	•	•	•					
Reflow Compatible	•		•		•			
Surface Mount					•			
Stacked			•					
Snap & Lock	•	•	•	•		•	•	•
Ferrite		•						
3 Contacts	•	•		•		•	•	•
4 Contacts	•	•	•	•	•	•	•	•
5 Contacts	•	•		•		•	•	•
6 Contacts	•	•	•	•	•	•	•	•
7 Contacts	•	•		•				•
8 Contacts	•	•	•	•		•	•	•
9 Contacts	•							



KMDT Series Slim Design Right Angle Mini-DIN

Features



- Licensed From AMP
- Audio, Video, Computer, and Digital Equipment Applications
- Slim Design Saves On Board Space
- Available in SMT and Reflow Compatible Through Hole Designs
- Front Shield for EMI/RFI Protection
- Contact Area with Gold Plating
- CSA/NRTL Certified File No. LR78160

Performance Specifications Materials and Finish

Body

High Temperature Thermoplastic, Black Color, UL94V-0 Rated

Contacts

Phosphor Bronze, Gold Plated

Shield

Brass, Tin Plated

Mechanical Characteristics

Durability: 500 Cycles Min.

Insertion Force: 0.5kg - 4.5kg

Extraction Force: 0.4kg - 3.5kg

Operating Temperature: -25°C to +70°C

Electrical Characteristics

Contact Current Rating

Before Durability Test

Plug to Shield - 50 Milliohms Max.

Plug to Terminals - 30 Milliohms Max.

After Durability Test

Plug to Shield - 100 Milliohms Max.

Plug to Terminals - 60 Milliohms Max.

Insulation Resistance

500 Megohms Min.

Dielectric Withstanding Voltage

500V AC RMS for 1 Minute.

Current Rating

1 Amp at 12V DC

Ordering Information

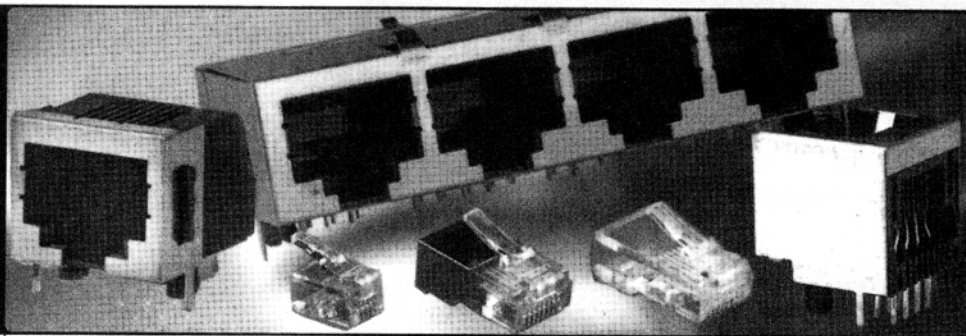
KMDT	-	SMT	-	6	-	S	-	SC	-	
Series		Style		Number of Contacts		Contact Type				Plating Options
Series KMDT - Right Angle PCB Mount Mini Din										
Style SMT - Surface Mount HT - Reflow Compatible Through Hole (See page 39)										
Number of Contacts 4 - 4 Contacts 6 - 6 Contacts										
Contact Type S - Receptacle										

Plating Option

Standard	Gold flash over nickel on contacts. Tin/lead over nickel on soldertails.
30	30μ" gold over nickel on mating end of contacts. Tin/lead over nickel on soldertails.*

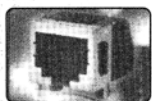
*Minimum Quantities May Apply

Modular Jacks and Plugs



5
CONNECTORS

KYCON Continues its leadership in Modular Jacks and Plugs by offering a complete line of sizes and options.



**Right Angle
Modular
Jacks**

GM - .450" Height
GM-SMT2 - .450" Height
GS - .492" Height
GDL - .492" Height
GL - .570" Height
GDA - .595" Height
GDB - .755" Height



Perpendicular

GDP



Ganged Jacks

GSG - .492" Height
GA/GP - .606" Height



Modular Plugs

MP Series

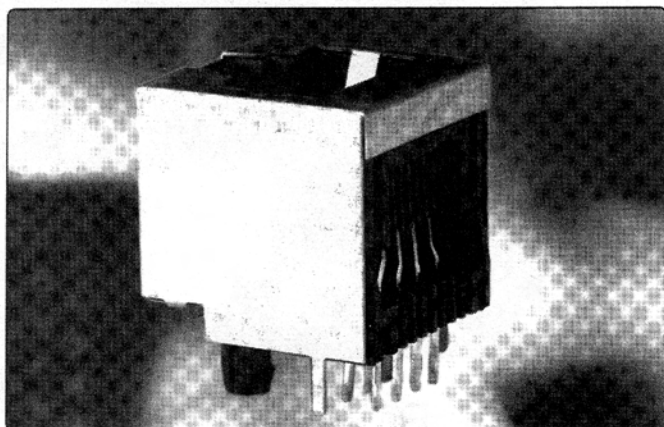
Features



- Applications Include Computer Peripherals, Data Processing, Telecommunications, Industrial Controls, and Local Area Networks
- All Stamped Pins Are Phosphor Bronze for Superior Contact Retention
- Designs Meet UL 1863 Sec. 8 Electrical Probe and Sec. 20 Child Finger Test Requirements
- Mates with W.E. Co. and FCC 68 Plugs
- Conforms to FCC Requirements Under #47 CFR Part 68 Subpart F with 50 Micro Inch Gold Plating on Pins
- Options Available in Standard Through Hole and Surface Mount Designs
- Options Available Partially and Fully Shielded For EMI/RFI Protection and Category 5 Applications
- UL Recognized File No. E134345
- CSA/NRTL Certified File No. LR78160

Modular Jack Options

Series	GM	GM-SMT2	GS	GDL	GL	GDA	GDB	GDP	GSG	GA	GP
Standard Through Hole	•		•	•	•	•	•	•	•	•	•
SMT		•		•							
Shielded	•	•	•	•				•	•		
Keyed				•		•	•	•			
Panel Stops				•	•	•		•		•	•
Category 5			•						•		
4P4C	•	•			•	•	•	•			
6P4C	•	•		•	•	•	•	•		•	•
6P6C	•	•		•	•	•	•	•		•	•
8P8C	•	•	•	•	•	•	•	•	•	•	•
10P10C	•	•			•						



GDP Series Perpendicular Modular Jack

Features

- For Top Entry
- Panel Stops, Shielding and Keying Options Available
- Available In 4, 6, and 8 Position Housings
- UL Recognized File No. E134345
- CSA/NRTL Certified File No. LR78160

Performance Specifications

Materials and Finish

Housing Material

Polyester (UL 94V-0) Rated Material, Black Color

Contact Material

Phosphor Bronze

Plating Options

Designator	Plating Description
Standard	Contacts are Plated with 0.0001 Nickel, Selective Plating 0.000015 Gold on Contact area
50	Contacts are Plated with 0.0001 Nickel, Selective Plating 0.000050 Gold on Contact area to Comply with FCC Requirements Under No. 47 C.F.R. Part 68 Subpart F

Electrical Characteristics

Insulation Resistance

500 Megohms Min

Dielectric Withstanding Voltage

1000 Volts RMS, 60 Hz AC for 1 Minute

Contact Resistance

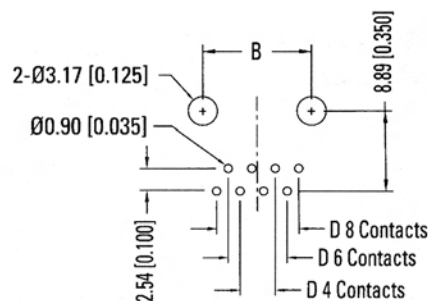
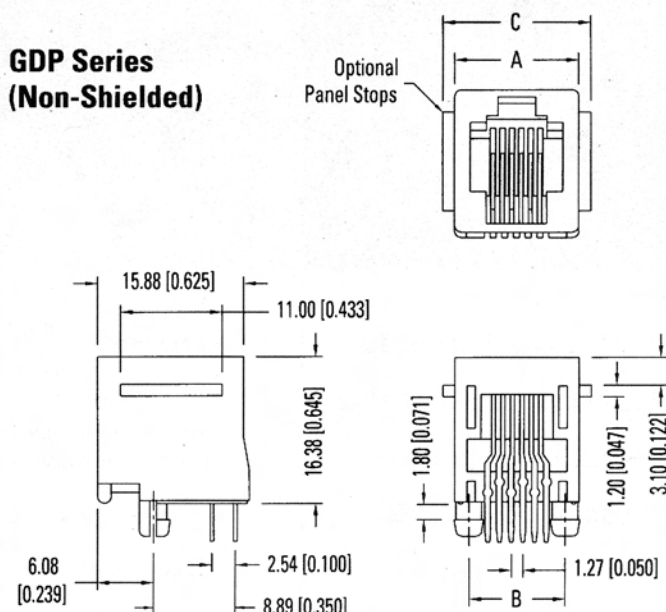
20 Milliohms Max

Current Rating

1.5 Amps

GDP Series Non Shielded Dimensions

GDP Series (Non-Shielded)

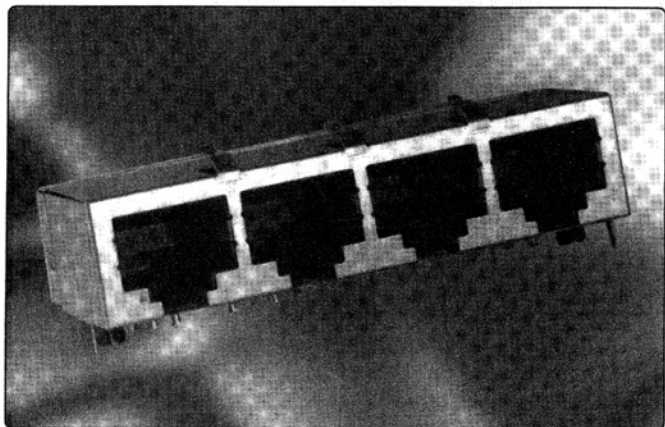


Recommended PCB Layout (Top View)

Ordering Information

Dimensions in mm [In]

Part Number	Description	A	B	C	D
GD-PA-44	Panel Stops, 4 Position, 4 Contacts	11.40	7.62	13.80	3.81
GD-PA-64	Panel Stops, 6 Position, 4 Contacts	13.40	10.16	15.80	3.81
GD-PA-66	Panel Stops, 6 Position, 6 Contacts	13.40	10.16	15.80	6.35
GD-PA-88	Panel Stops, 8 Position, 8 Contacts	15.50	11.43	17.90	8.89
GD-PA-88K	Panel Stops, Keyed, 8 Position, 8 Contacts	15.50	11.43	17.90	8.89
GD-PN-44	No Panel Stops, 4 Position, 4 Contacts	11.40	7.62		3.81
GD-PN-64	No Panel Stops, 6 Position, 4 Contacts	13.40	10.16		3.81
GD-PN-66	No Panel Stops, 6 Position, 6 Contacts	13.40	10.16		6.35
GD-PN-88	No Panel Stops, 8 Position, 8 Contacts	15.50	11.43		8.89
GD-PN-88K	No Panel Stops, Keyed, 8 Position, 8 Contacts	15.50	11.43		8.89



GSG Series Right Angle Gang Jack (0.492" Height)

Features



- Available in up to 8 Ports
- Available Fully Shielded for Category 5 Applications
- CSA/NRTL Certified File No. LR78160

Performance Specifications

Materials and Finish



Housing Material

GSG - PBT, Glass Filled, UL94V-0 Rated, Black Color

Shield

Copper Alloy, Tin Plated

Contact Material

Phosphor Bronze

Electrical Characteristics

Insulation Resistance

500 Megohms Min

Dielectric Withstanding Voltage

1000 Volts RMS for 1 minute

Contact Resistance

20 Milliohms Max

Current Rating

1.5 Amps

Electrical Performance

Category 5 100MHz bandwidth performance.

Attenuation @ 100MHz less than 0.13dB.

Performance meets Near End Crosstalk (NEXT)

requirements of -40dB @ 100MHz per EIA/TIA 568A

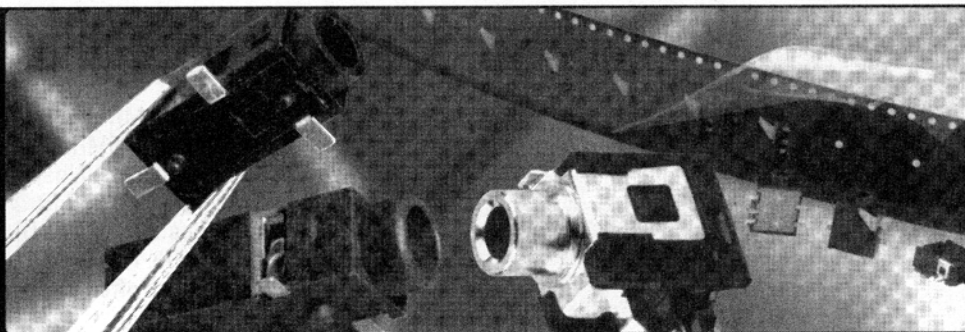
in applications where UL approved Category 5 cable (GA27-3773-1) is used.

Shielded types offer 20dB shielding from 30MHz to 300MHz

Ordering Information

GSG	-	NS	-	4	-	8	-	8	-	-	-
Series		Shield Option		No. of Ports		Size of Ports		No. of Contacts		Ground Pin Spacing	Plating Options
Series GSG - Right Angle Gang Jack P.C. Mount											
Shield Options N - Non-Shielded NS - Shielded Several different Ground Pin and Ground Tab Options available. Contact Factory for Specifications											
Number of Ports 2, 4, 5, 6, 8											
Size of Ports 8 - 8 Opening											
Number of Contacts 8 - 8 Contacts											
Ground Pin Spacing (Shielded Only) 3.68 - 3.68mm Standard 4.57 - 4.57mm (4 and 8 port)											
Plating Options											
Designator	Plating Description										
Standard	Contacts are Plated with 0.0001 Nickel, Selective Plating 0.000015 Gold on Contact area										
50	Contacts are Plated with 0.0001 Nickel, Selective Plating 0.000050 Gold on Contact area to Comply with FCC Requirements Under No. 47 C.F.R. Part 68 Subpart F										

Stereo Jack



KYCON Continues its leadership in Stereo Jacks by offering a complete line of designs and options.

Stereo Jack Series

ST-2000/ST-2500

ST-2550

ST-3500

ST-3000

ST-3081

ST-3100

ST-3120

ST-3200

ST-314/ST-315

ST-3900

ST-4235

STP-3501

Features



- Audio Applications for Computers and Multimedia
- Available in Through Hole, Surface Mount, and Reflow Compatible, Stacked, and Panel Mount Options
- Plastic, Metal, and Threaded Bushings Available

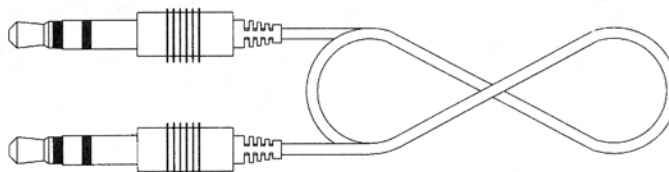
Stereo Jack Options

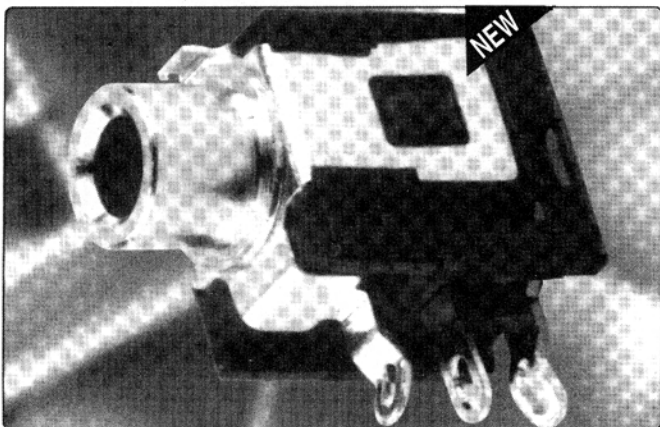
Series	ST-2000	ST-2500	ST-2550	ST-3500	ST-3000	ST-3081	ST-3100	ST-3120	ST-3200	ST-314	ST-315	ST-3900	ST-4235	STP-3501
2.5mm	•	•	•											
3.5mm				•	•	•	•	•	•	•	•	•	•	•
Through Hole	•				•	•	•	•	•	•	•	•	•	
Reflow Compatible Through Hole							•							
SMT		•	•	•										
Stacked													•	
Panel Mount														•
All Plastic	•	•		•	•			•						
Threaded Option						•	•		•	•	•	•		•
Mono			•					•		•	•			
3 Position	•	•	•	•	•	•	•	•	•	•	•	•	•	•
4 position		•	•	•										
5 Position			•			•	•	•	•	•	•		•	
9 Position							•						•	
11 Position							•						•	

Stereo Plug Options

Kycon offers standard 2.5mm and 3.5mm molded cables in 8 foot lengths. Contact factory for details. 888-KYCON-22.

KMC-ST2.5/2.5-8FT





ST-3900 Series PCB Mount 3.5mm Stereo Jack

Features  

- Audio Applications for Computers and Multimedia
- Available with Threaded or Non Threaded Metal Bushing
- Open Back Design for Ease of Washability
- CSA/NRTL Certified File No. LR78160

Performance Specifications

Materials and Finish

Housing
PBT Thermoplastic, Black Color UL94V-0 Rated 

Terminals
Copper Alloy, Tin over Nickel Plating

Mechanical Characteristics

Insertion Force: 0.4kg - 3.0kg

Extraction Force: 0.3kg - 3.0kg

Durability: 5000 Mating Cycles

Electrical Characteristics

Contact Resistance
Before Durability Test
30 Milliohms Max.
After Durability Test
60 Milliohms Max.

Insulation Resistance: More Than 100 Megohms at 500V DC

Dielectric Strength: 500V AC RMS for 1 Minute

Operating Temperature: -25°C to +80°C

Ordering Information

ST-3900	-	3	N	P
Series		Number of Pins	Threading Option	Panel Stop

Series
ST-3900 - 3.5mm Stereo Jack

Number of Pins
3 - 3 Pins

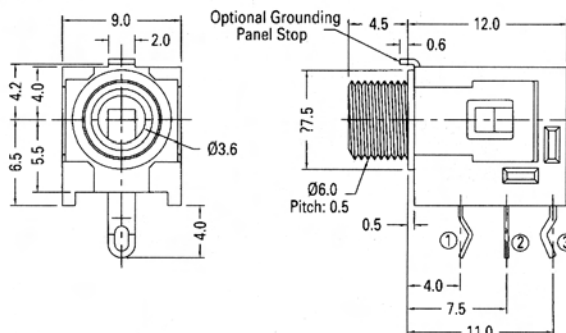
Threading Option
C - Threaded
N - Non Threaded

Panel Stop Option
Blank - No Panel Stop
P - With Panel Stop

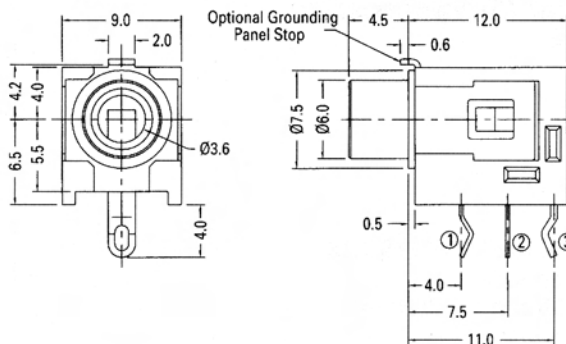
Dimensions

Dimensions in mm

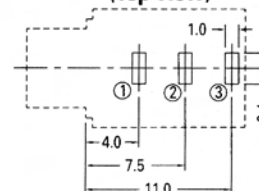
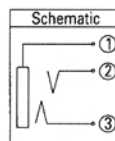
ST-3900-3CP



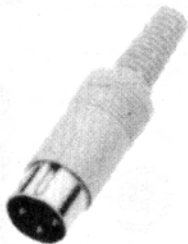
ST-3900-3NP



Recommended PCB Layout (Top View)



C I R C U L A R D I N C O N N E C T O R S



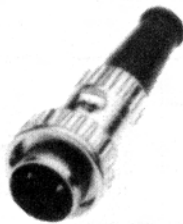
MALE CORD PLUG Series 76597. For applications not requiring metal bodies. Available in black or grey.



CORD PLUG Extended Barrel Series 71408. For cable-to-cable or cable-to-panel applications not requiring locking connection.



RIGHT ANGLE 8 Position Barrel Series 71432. Right angle configuration for limited space applications. Barrel can be set for 8 cable approach angles.



CORD PLUG locking Series 71430. For cable-to-cable or cable-to-panel applications with 30° locking ring. Heavy duty clamp with flexible black cable sleeve.



RIGHT ANGLE 8 Position Barrel Locking Series 71434. Right angle 8 position barrel with 30° locking ring. Flexible black cable sleeve.

Preh circular DIN connectors are rugged connectors designed to provide reliable interconnections to peripheral equipment and control devices. They provide from 3 to 8 contacts per connector at operating power up to 3A/34V.

Connectors are available with nickel-plated zinc die cast bodies for rugged applications and with plastic bodies. Insert material is molded phenolic. Female "tuning fork" type contacts are silver plated, male pins are tinned.

Connectors and contacts can be custom plated.



FEMALE CORD PLUG Series 76597. For applications not requiring metal bodies. Available in black or grey.



FEMALE CORD PLUG Locking Series 71506. Mates with male plugs equipped with 30° locking rings. Metal body with flexible black cable sleeve.



FEMALE CORD PLUG Series 71502 For normal cable-to-cable and cable-to-panel applications. Metal body with flexible black cable sleeve.



PANEL MOUNT Series 71216. Male panel mount connector. Steel body, through-shell grounding.



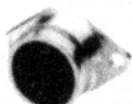
BOARD MOUNT Series 71249. Male PC board mount. Black plastic body with grounding contact.



BOARD MOUNT Series 71204. Receptacle for direct mounting to PC boards. Features a drawn metal shell.



PANEL MOUNT Series 71200. Receptacle designed to mate with extended body cord plugs. Drawn metal shell, through-shell grounding.



PANEL MOUNT Locking Series 71206. Receptacle designed to mate with males equipped with 30° locking rings. Die cast metal body.



BOARD MOUNT Series 71251. Receptacle with flange for 30° locking ring, for PC board mount. Die cast metal body.



BOARD MOUNT Series 71222. Receptacle for direct mounting to PC boards. Black plastic body with through-shell grounding.



BOARD MOUNT EMI/RFI Shielded Series 71222. Receptacle with metal face to provide common ground between connectors, board and chassis. 360° shielding. Black plastic body.

MINI-DIN CONNECTORS

5

CONNECTORS

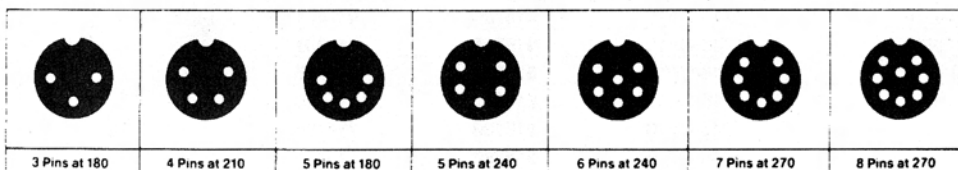


PIN ARRANGEMENT	PC Board Mount Receptacle	Moldable Female Cord Plug	Moldable Male Cord Plug	Assembly-type Male Cord Plug
3 Pins @ 180	MRP3FS	MMP3F	MMP3M	MCP3M
4 Pins @ 210	MRP4FS	MMP4F	MMP4M	MCP4M
5 Pins @ 180	MRP5FS	MMP5F	MMP5M	MCP5M
6 Pins @ 240	MRP6FS	MMP6F	MMP6M	MCP6M
7 Pins @ 270	MRP7FS	MMP7F	MMP7M	MCP7M
8 Pins @ 270	MRP8FS	MMP8F	MMP8M	MCP8M

For optional gold contacts add -G to part number

A series of Mini-DIN Connectors featuring nickel plated brass shells with PBT3210 (Celanex) wafers. Electrical Rating: 100 VAC-1A or 12 VDC-2A Max. Dielectric Strength: 500V-1 Minute. Operating Range: -13° to +150°F.

MOLDABLE DIN CONNECTORS



Pin and Contact Configuration

PLUGS

PIN ARRANGEMENT	Male Cord Plug *10372-027	Male Cord Plug *10472-011	Male Cord Plug 76597	Male Cord Plug 71408	Male Cord Plug 71432	Male Cord Plug 71430	Male Cord Plug 71434	Male Panel Mt. 71216	Male PC Mt. 71249
(A) 3 Pins @ 180	10455-035	10455-035	-630	-030	-030	-030	-030	-030	-032
(B) 4 Pins @ 210	10455-036	10455-036	-640	-040	-040	-040	-040	-040	—
(C) 5 Pins @ 240	10455-038	10455-038	-652	-250	-250	-250	-250	-051	—
(D) 5 Pins @ 180	10455-037	10455-037	-650	-053	-050	-050	-050	-050	-052
(E) 6 Pins @ 240	10455-039	10455-039	-660	-060	-060	-060	—	—	—
(F) 7 Pins @ 270	10455-040	10455-040	-670	-070	-070	-070	—	—	-072
(G) 8 Pins @ 270	10455-041	10455-041	-680	-080	-080	-080	—	—	—

RECEPTACLES

PIN ARRANGEMENT	Female Cord Plug *10372-028	Female Cord Plug 76597	Female Cord Plug 71502	Female Cord Plug 71506	Female Cord Plug 71204	Female Panel Mt. 71200	Female Panel Mt. 71206	Female Board Mt. 71251	Female Board Mt. 71222	Female Board Mt. EMI/RFI 71222
(A) 3 Pins @ 180	10425-081	—	-030	-030	-030	-030	-030	-030	-030	-034
(B) 4 Pins @ 210	10425-082	—	-040	-040	-040	-040	-040	-040	-040	-041
(C) 5 Pins @ 240	10425-084	—	-250	-250	-051	-150	-050	-250	-059	-153
(D) 5 Pins @ 180	10425-083	-692	-050	-050	-050	-050	-051	-050	-054	-152
(E) 6 Pins @ 240	10425-085	-693	-060	-060	-060	-060	—	-060	-061	-064
(F) 7 Pins @ 270	10425-086	—	-070	-070	-070	-070	-070	-070	-070	-071
(G) 8 Pins @ 270	10425-087	—	-080	-080	-080	-080	-080	-080	-081	-084

* Shell and pin & wafers assembly must be ordered separately

A series of circular DIN plugs designed specifically for molding. Features include a one-piece, nickel-plated shell and snap-in seating of the pin and wafer assembly. Design benefits include excellent EMI/RFI shielding, lower labor costs and a low profile finished product. Power Rating: 3A/34V. Dielectric Strength: 500V RMS. Operating Range: -13°F to +150°F.