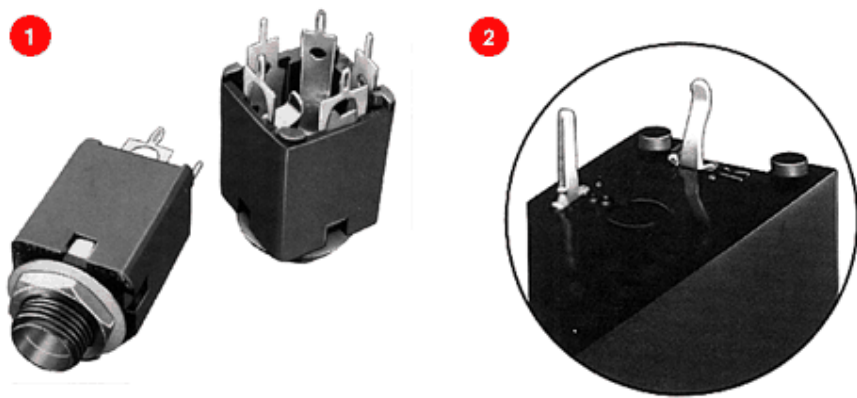


Switchcraft®

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SPRING LOCK PC TERMINALS FOR Hi-D Jax®

1. Hi-D Jax® SHOWING SPRING LOCK PC TERMINALS

2. CLOSE-UP VIEW OF SPRING LOCK TERMINALS

Hi-D Jax® enclosed 1/4 inch phone jacks offer spring lock PC terminals which close during insertion into PC board. Upon completed insertion, the terminals reopen to securely hold the jack to the PC board during soldering. Solder "fills" the terminals which provides an additional security from loosening. The spring lock terminal is available on all Hi-D Jax[®] which currently offer PC terminals.

NOTE: Tip and ground terminals can be specified with spring lock terminals (also ring terminal on 3-conductor jacks).

MOUNTING

Jacks mount in a single .375 inch diameter hole on .625 inch minimum centers. Series 11*, N11* and S11* mount in panels up to .156 inch thick. Series NL11* (long bushing) mount in panels up to .250 inch thick. Jacks with PC terminals mount on PC boards up to .094 inch thick. Spring lock PC terminals hold jack securely to PC board. Threaded bushing permits mechanical connection to equipment panel. Mounting hardware is supplied. See "RECOMMENDED PC BOARD LAYOUT" for further details.

SERIES 11* - 2- and 3-conductor types, threaded metal

bushing .276 inch long .250 inch inside diameter

bushings.

SERIES N11* - Same as Series 11* except bushing is molded thermoplastic for insulated mounting.

SERIES NL-11* - Same as Series N11* except bushing is .375 inch long for insulated mounting in panels up to .250 inch thick.

SERIES S11* - Same as Series 11* except bushing has .210 inch inside diameter Smaller diameter protects against accidental insertion of plugs with .250 inch diameter fingers.

Commercial Hi-D Jax® Part Numbering System				
Mating Plug Option	Bushing Option Series	Series	Circuitry	Suffix Options
Accepts 1/4" Commercial Plug	Blank - 1/4" Commercial Jack	11 - Hi - D Jax®	1 - I	Blank - Solder lugs
	L - .375" Long Bushing		2A - III	PC - PC Terminals
	N - Insulated Bushing	2B - IV		PCS - Snap Lock PC Terminals
	NL - Insulated Bushing and .375" Long Bushing	3 - V		M-Reshaped Springs accept wide variety of 1/4" plug designs.
	NS - Insulated Bushing and Accepts .206" Diameter Plugs	3B - VII		
	S - Accepts .206" Diameter Plugs	3D - VI		
		3E - IX		
		3F - XXVIII		
		4B - XII		
See page 88 for military Hi-D Jax® part numbering system.				

SPECIFICATIONS

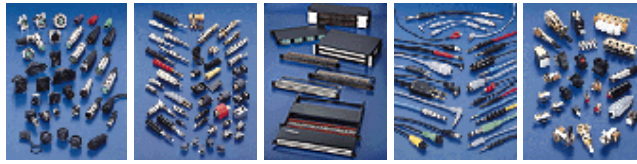
MATERIAL

Mounting Bushing: Series 11*, S11*: Nickel-plated copper alloy. Series N11*, NL11*: Molded thermoplastic over plated copper alloy sleeve.

Ordering Information			
TWO CONDUCTOR PART NUMBERS			
Part Number	Description	Jack Schematic	Typical Mating Plug ¹
111PCS	Open circuit	I	250
N111PCS	Insulated bushing	I	250
112APCS	Single closed circuit	III	250
N112APCS	Insulated bushing	III	250
113PCS	Isolated "make" circuit	V	250
113EPCS	Isolated "break" circuit	IX	250
THREE CONDUCTOR PART NUMBERS			
112BPCS	Double open circuit	IV	267
N112BPCS	Insulated bushing	IV	267
S112BPCS	.210 inch I.D. bushing	IV	S267
113BPCS	Single closed circuit	VII	267
N113BPCS	Insulated bushing	VII	267
113FPCS	Ring closed circuit	XXVIII	267
114BPCS	Double closed circuit	XII	267
N114BPCS	Insulated bushing	XII	267
NL114BPCS	.375 inch long bushing	XII	267
1 See Jack Section for other mating plugs. Special order only. Contact Switchcraft.			

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