Switchcraft®

PD SERIES RECEPTACLES WITH SOLDER CUPS

NEW Bifurcated PCB Terminals

PD3FRL1

PD3MRML1

PD3MS1

PD3FS2

PD3FRML1

PD3FS2

PD3FRA1

Bifurcated PCB Termi-

New solder cup op-
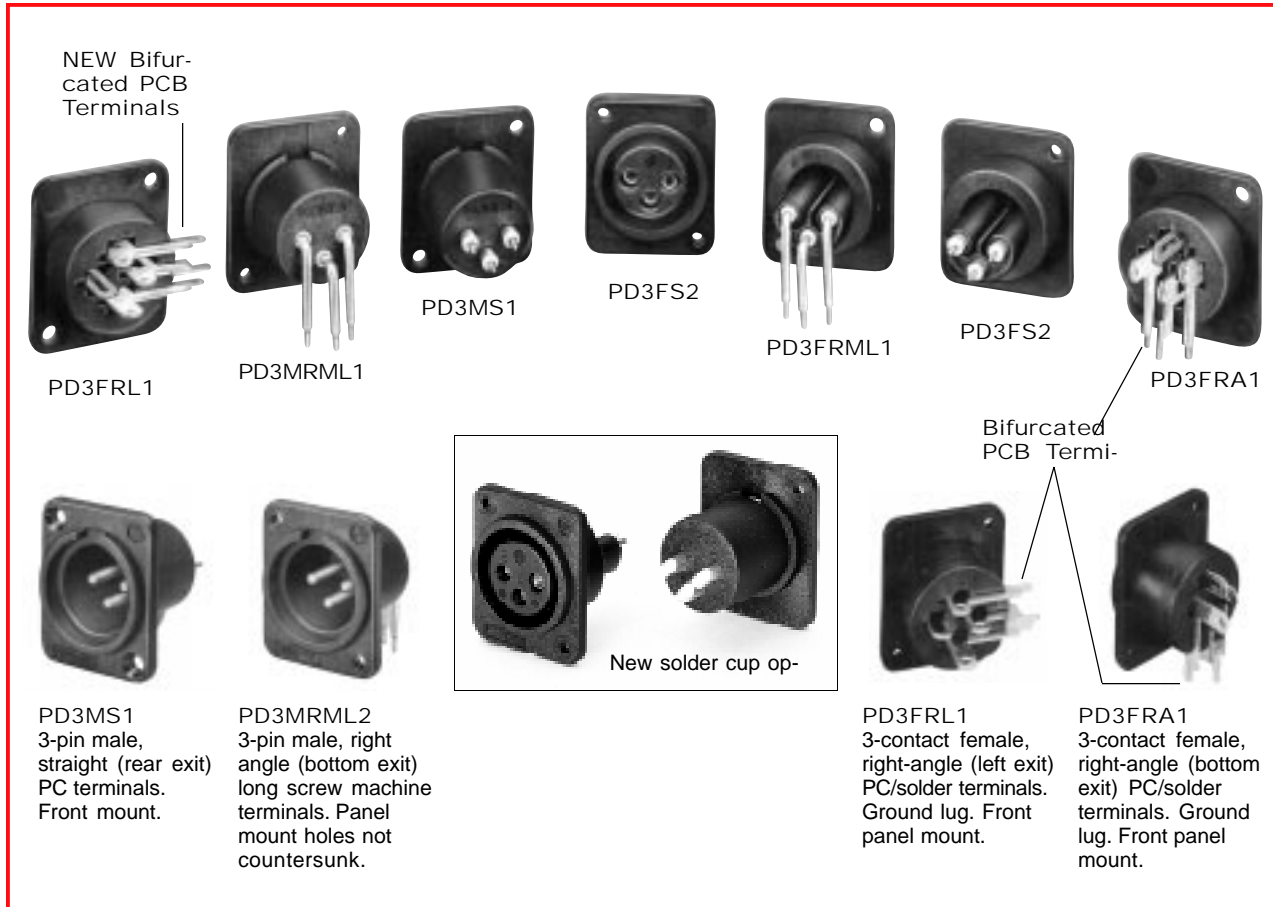
PD3MS1
3-pin male, straight (rear exit) PC terminals. Front mount.

PD3MRML2
3-pin male, right angle (bottom exit) long screw machine terminals. Panel mount holes not countersunk.

PD3FRL1
3-contact female, right-angle (left exit) PC/solder terminals. Ground lug. Front panel mount.

PD3FRA1
3-contact female, right-angle (bottom exit) PC/solder terminals. Ground lug. Front panel mount.

Switchcraft now offers the PD Series with a solder cup option. This new option is perfect for panel mount, non-PC board applications. The solder cups offer a generous area to solder. Available in male and female, the receptacles can be mounted from the front or rear of the panel. See the back page for part numbers. This new option is in addition to all of the previous termination options available with the PD Series.

FEATURES AND BENEFITS
• 3 pins/contacts
• Male and female
• Straight or right-angle PC, and solder cups
• Front or rear panel mount
• Females feature large contact area for higher ratings and longer life
• Special PC/solder terminal type with exits at 0° (down, 90° (right), 180° (top), and 270° (left)
• Rugged molded black glass-filled thermoplastic housings
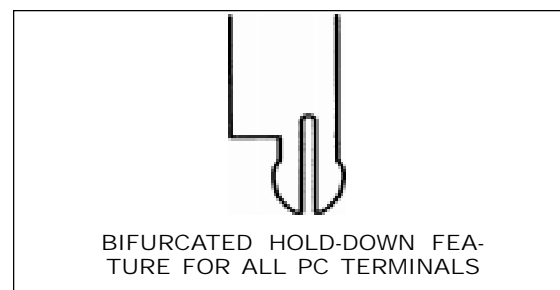• Compatible with other Switchcraft Q-G® types

SPECIFICATIONS
Housing: Black molded thermoplastic, glass-filled.
Ground Pin: Copper alloy.
Stamped Terminals/Contacts: Copper alloy, electrotinned.
Screw Machine Terminals/Pins: Copper alloy, silver-

BIFURCATED PC TERMINALS
Bifurcation configuration for PC terminals on selected connectors offers these advantages.
1. Provides convenient snap-in retention for mounting.
2. Holds connector securely to PCB during wavesoldering.
3. Adds strength to all terminal connections by solder "wicking" through PCB and up sides of terminals.
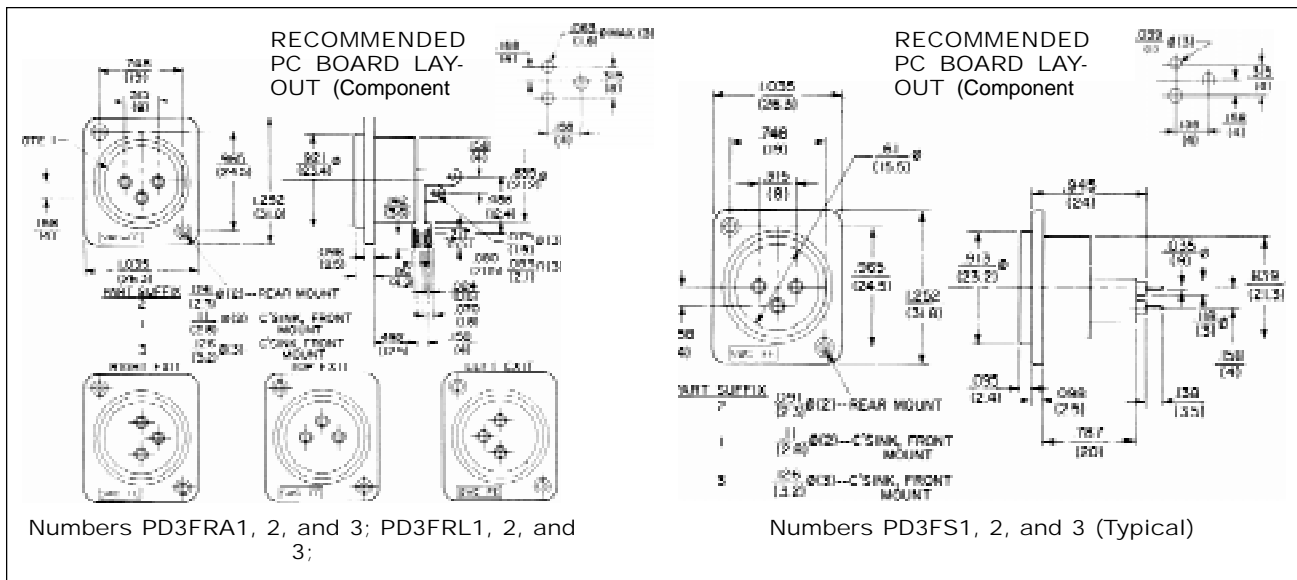
BIFURCATED HOLD-DOWN FEATURE FOR ALL PC TERMINALS

Switchcraft®

PD SERIES PART NUMBERING SYSTEM

P	D		3									

SERIES PD

PINS/ CONTACTS

GENDER

F - Female
M - Male

GENDER

HOUSING

TERMINALS

FEMALE
RA - Right-angle, Bottom Exit
RL - Right-angle, Left exit
RR - Right-angle, Right Exit
RU - Right-angle, Top Exit
RML - Right-angle, Bottom Exit, Long Screw Mach. Term.
RMS - Right-angle, Bottom Exit, Short Screw Mach. Term.
S - Straight, Rear Exit
SC - Solder Cup

MALE
RML - Right-angle, Bottom Exit, Long Screw Mach. Term.
RMS - Right-angle, Bottom Exit, Short Screw Mach. Term.
S - Straight, Rear Exit
SC - Solder Cup

1 - Front Mount .11 inches (2.8 mm) diameter flange mounting holes
2 - Rear Mount .091 inches (2.3 mm) diameter flange mounting holes
3 - Front Mount .126 inches (3.2 mm) diameter flange mounting holes

Blank= Silver terminals

AU= Gold terminals

RECOMMENDED PC BOARD LAY-OUT (Component

RECOMMENDED PC BOARD LAY-OUT (Component

Numbers PD3FRA1, 2, and 3; PD3FRL1, 2, and 3;

Numbers PD3FS1, 2, and 3 (Typical)

DIMENSIONS ARE-FOR-REFERENCE-ONLY

Inch

NOTE: Contact your Switchcraft Representative for price and delivery.

PD SERIES RECEPTACLES

Switchcraft®

Switchcraft, Inc. is a major manufacturer of a broad line of electronic/ electromechanical components for the audio/video, telecommunication, data communication, computer, medical, military, appliance, transportation and instrumentation markets.

ISO 9001 CERTIFIED

We reserve the right to change the prices, specifications and/or part numbers contained herein when circumstances make it necessary.