D-SUBMINIATURE

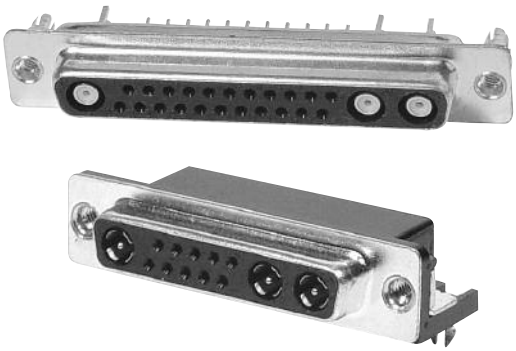
COMBINATION SIGNAL WITH COAX OR POWER

DSC SERIES

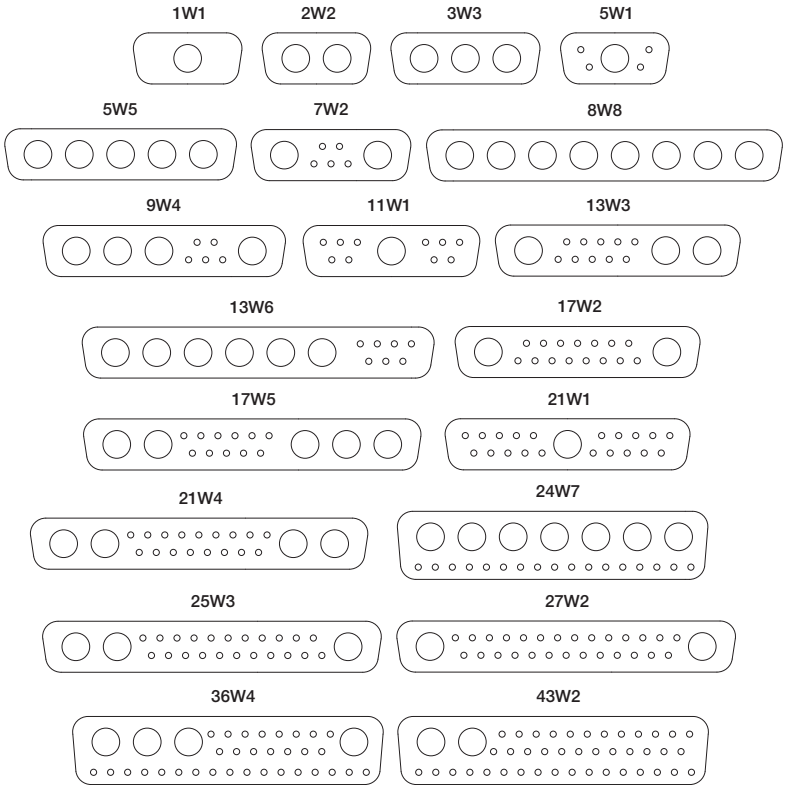
INTRODUCTION:
Adam Tech Combination Signal/Coax D-Sub connectors are a popular interface for many mixed signal I/O applications. Offered in five shell sizes they are a good choice for a low cost industry standard connection that requires utilization of standard signal and high performance, low impedance signals either in signal-coax or signal - power choices. Adam Tech connectors are manufactured with precision stamped standard signal contacts and precision turned coax contacts. These connectors are manufactured with precision stamped contacts offering a choice of contact plating and a wide selection of mating and mounting options.

Electrical:
Operating voltage: 250V AC / DC max.
Signal Current rating: 5 Amps max.
High Power contact current rating: 20 or 40 Amps.
Coaxial Impedance: 50Ω (75Ω optional)
Contact resistance: 20 mΩ max. initial
Insulation resistance: 5000 MΩ min.
Dielectric withstanding voltage: 1000V AC for 1 minute

APPROVALS AND CERTIFICATIONS:
UL Recognized File No. E224053
CSA Certified File No. LR1578596



SHELL CONFIGURATIONS



ORDERING INFORMATION

D13W3	SLP	1	2

SHELL CONFIGURATIONS
D1W1, D2W2, D3W3, D5W1, D5W5, D7W2, D8W8, D9W4N, D11W1, D13W3, D13W6, D17W2, D17W5, D21W1, D21W4, D24W7, D25W3, D27W2, D36W4, D43W2

TYPE
SIGNAL-COAX
PT = Plug, Straight PCB
ST = Socket, Straight PCB
PL = Plug, Right Angle PCB
SL = Socket, Right Angle PCB
PD = Plug, Solder Cup
SD = Socket, Solder Cup

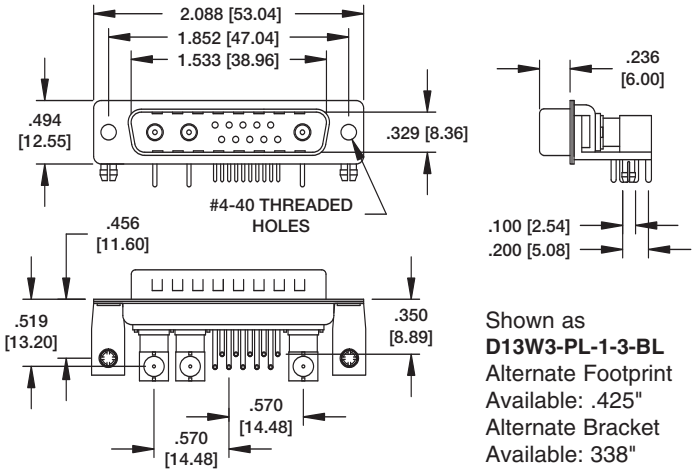
SIGNAL-POWER
PTP = Plug, Straight PCB, Power Contacts
STP = Socket, Straight PCB, Power Contacts
PLP = Plug, Right Angle PCB, Power Contacts
SLP = Socket, Right Angle PCB, Power Contacts
PDP = Plug, Solder Cup Power Contacts
SDP = Socket, Solder Cup Power Contacts

RATING
SIGNAL - COAX
1 = 50 Ohm
2 = 75 Ohm
SIGNAL - POWER
3 = 10 Amps
4 = 20 Amps
5 = 30 Amps
6 = 40 Amps
7 = 50 Amps

MOUNTING RIGHT ANGLE
1 = 120" non-threaded mounting holes, no bracket
2 = Short Bracket with #4-40 flush threaded inserts in mounting holes
2A = Short Bracket with #4-40 flush threaded inserts in mounting holes Jack Screws installed
3 = Long Bracket with #4-40 flush threaded inserts in mounting holes
3A = Long Bracket with #4-40 flush threaded inserts in mounting holes Jack Screws installed

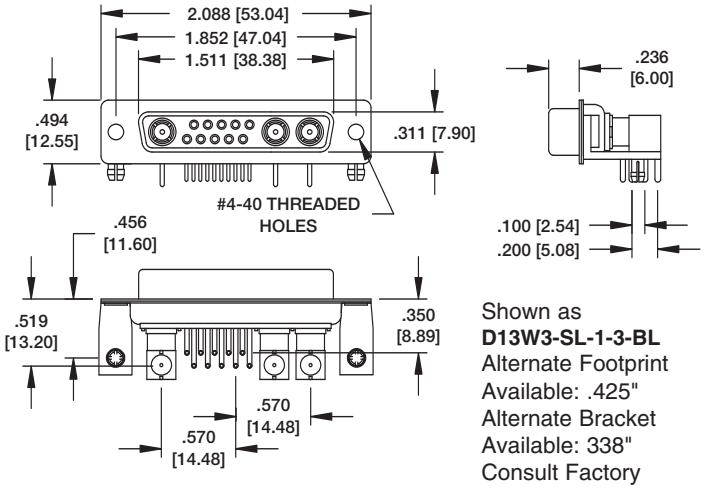
MOUNTING STRAIGHT
JS = Riveted #4-40 Jack Screws on top of flange
SL = Riveted #4-40 clinch nuts on bottom of flange
BL = Riveted Board Locks

PLUG - RIGHT ANGLE PCB MOUNT SIGNAL-COAX



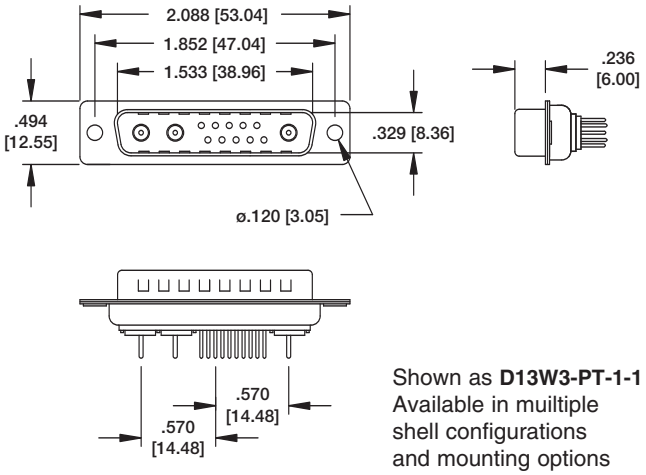
Shown as **D13W3-PL-1-3-BL**
Alternate Footprint Available: .425"
Alternate Bracket Available: 338"
Consult Factory

SOCKET - RIGHT ANGLE PCB MOUNT SIGNAL-COAX



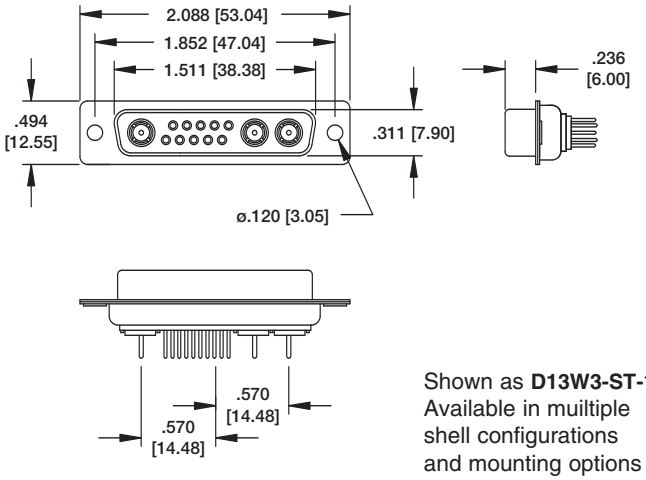
Shown as **D13W3-SL-1-3-BL**
Alternate Footprint Available: .425"
Alternate Bracket Available: 338"
Consult Factory

PLUG - STRAIGHT PCB MOUNT SIGNAL-COAX



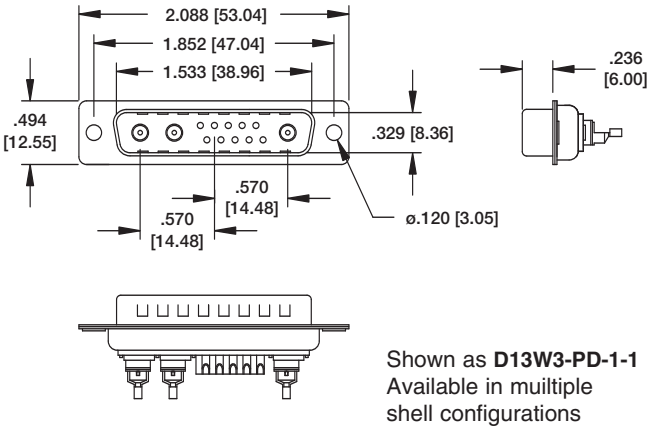
Shown as **D13W3-PT-1-1**
Available in muiltiple shell configurations and mounting options

SOCKET - STRAIGHT PCB MOUNT SIGNAL-COAX



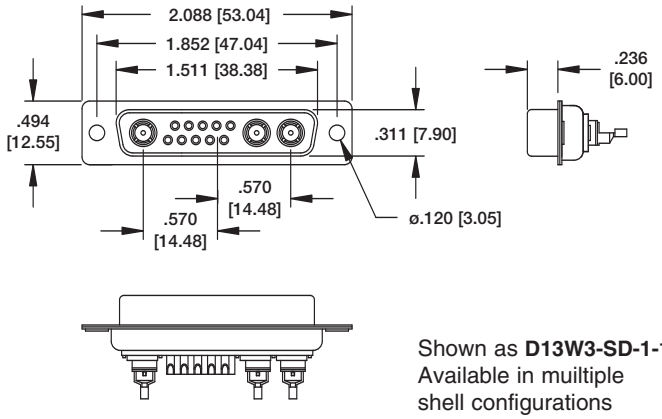
Shown as **D13W3-ST-1-1**
Available in muiltiple shell configurations and mounting options

PLUG - STRAIGHT SOLDER CUP SIGNAL-COAX



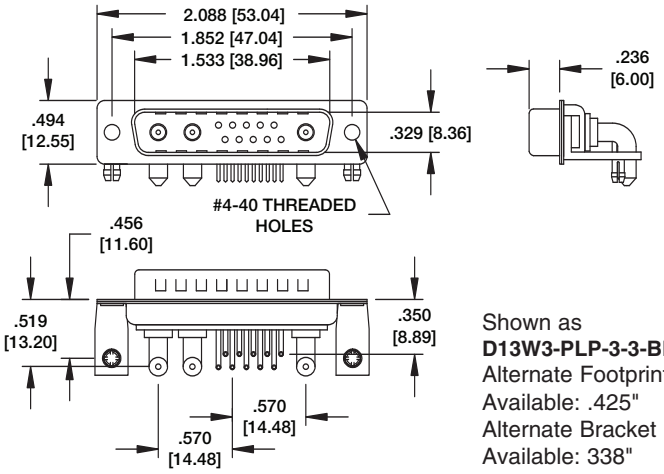
Shown as **D13W3-PD-1-1**
Available in muiltiple shell configurations and mounting options

SOCKET - STRAIGHT SOLDER CUP SIGNAL-COAX



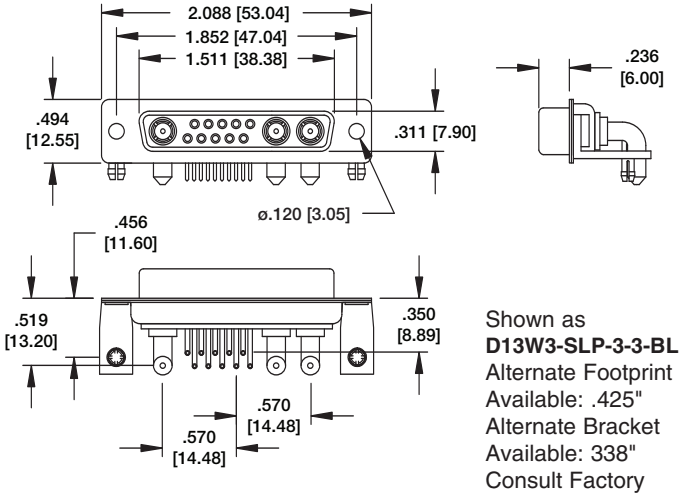
Shown as **D13W3-SD-1-1**
Available in muiltiple shell configurations and mounting options

PLUG - RIGHT ANGLE PCB MOUNT SIGNAL-POWER



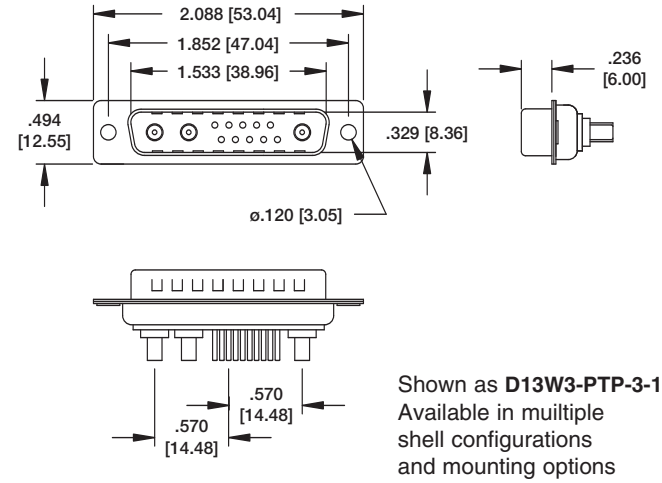
Shown as **D13W3-PLP-3-3-BL**
Alternate Footprint Available: .425"
Alternate Bracket Available: 338"
Consult Factory

SOCKET - RIGHT ANGLE PCB MOUNT SIGNAL-POWER



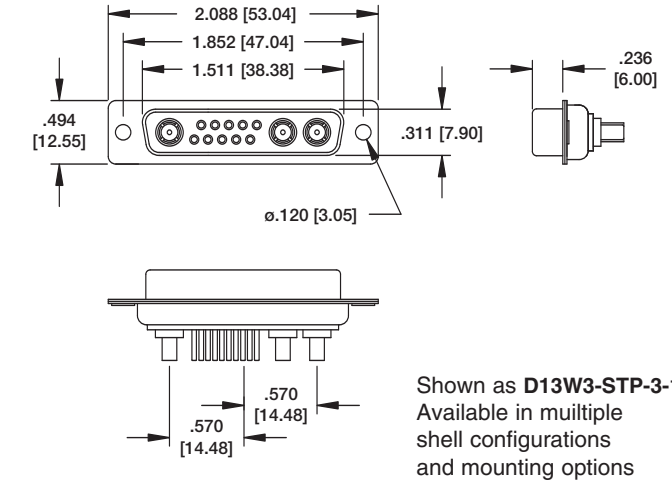
Shown as **D13W3-SLP-3-3-BL**
Alternate Footprint Available: .425"
Alternate Bracket Available: 338"
Consult Factory

PLUG - STRAIGHT PCB MOUNT SIGNAL-POWER



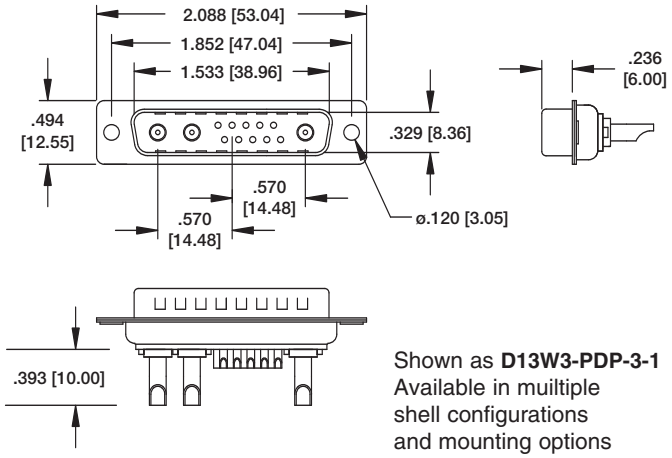
Shown as **D13W3-PTP-3-1**
Available in muiltiple shell configurations and mounting options

SOCKET - STRAIGHT PCB MOUNT SIGNAL-POWER



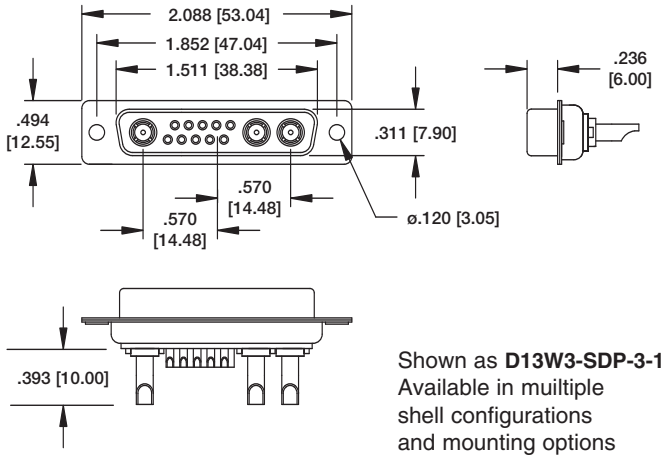
Shown as **D13W3-STP-3-1**
Available in muiltiple shell configurations and mounting options

PLUG - STRAIGHT SOLDER CUP SIGNAL-POWER



Shown as **D13W3-PDP-3-1**
Available in muiltiple shell configurations and mounting options

SOCKET - STRAIGHT SOLDER CUP SIGNAL-POWER



Shown as **D13W3-SDP-3-1**
Available in muiltiple shell configurations and mounting options