

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 & CSA Certified, File no. E224053



ORDERING INFORMATION



SHELL CONFIGURATIONS

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

CURRENT RATING

SIGNAL - COAX

1 = 50 Ohm

2 = 75 Ohm

SIGNAL - POWER

3 = 10 Amps

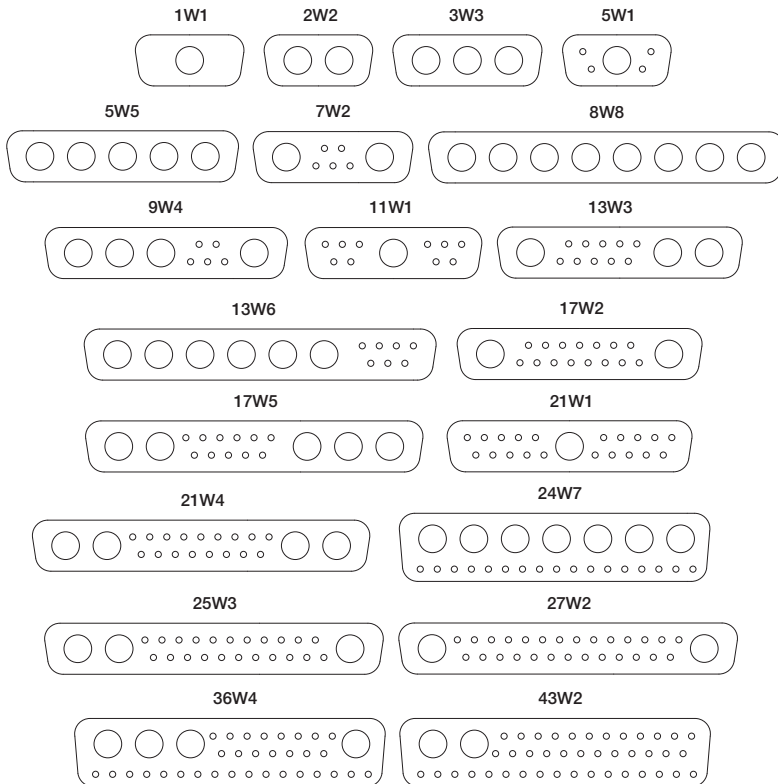
4 = 20 Amps

5 = 30 Amps

6 = 40 Amps

7 = 50 Amps

SHELL CONFIGURATIONS



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

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

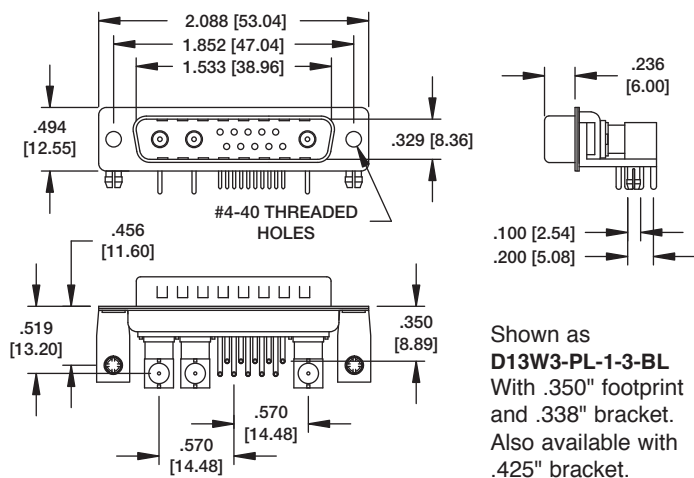
MOUNTING STRAIGHT

JS= Riveted #4-40 Jack Screws on top of flange

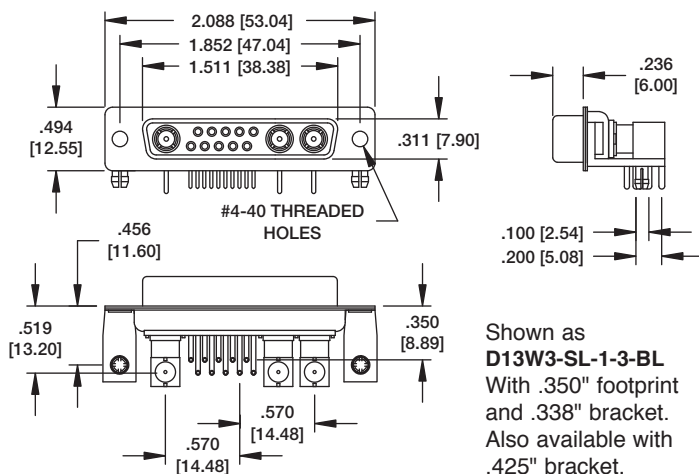
SL= Riveted #4-40 clinch nuts on bottom of flange

BL = Riveted Board Locks

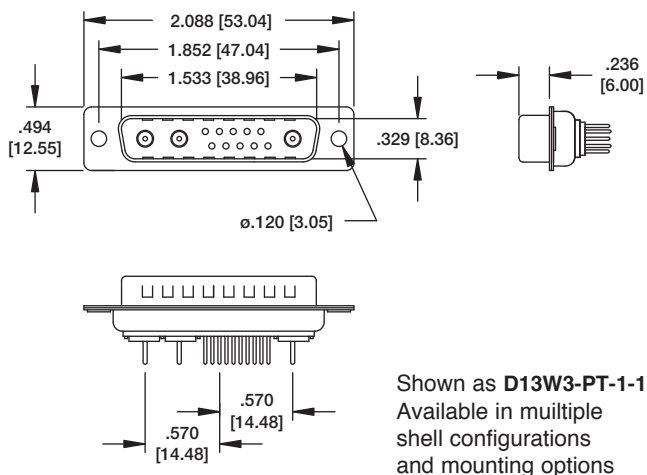
PLUG - RIGHT ANGLE PCB MOUNT SIGNAL-COAX



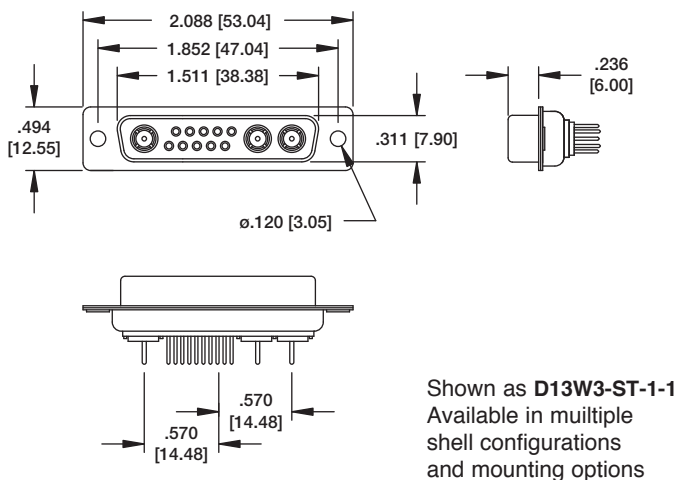
SOCKET - RIGHT ANGLE PCB MOUNT SIGNAL-COAX



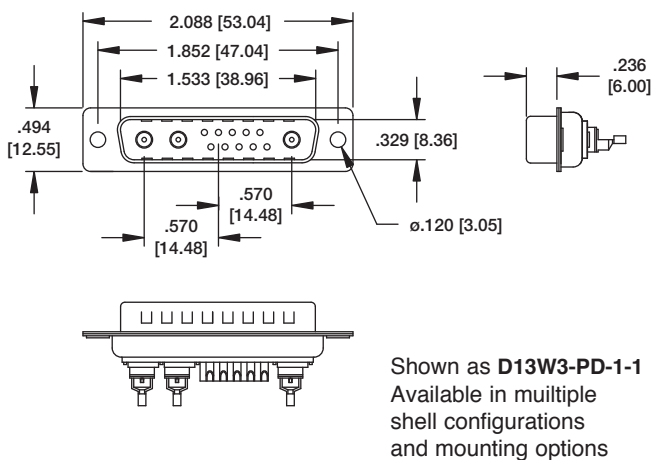
PLUG - STRAIGHT PCB MOUNT SIGNAL-COAX



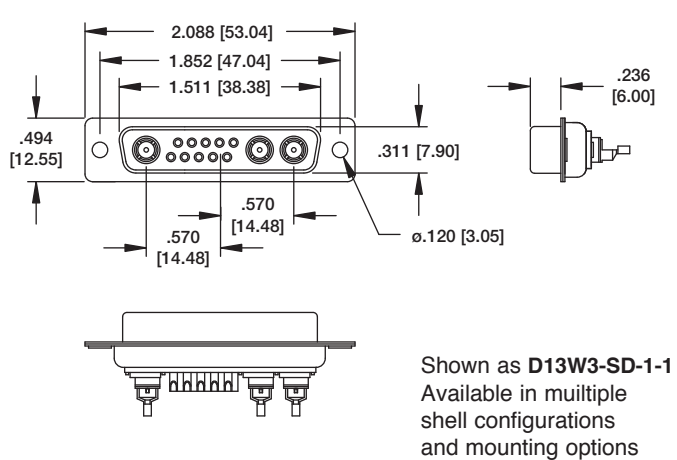
SOCKET - STRAIGHT PCB MOUNT SIGNAL-COAX



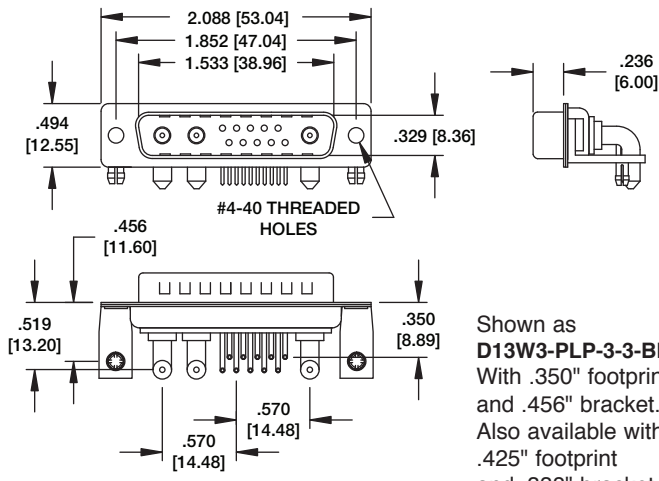
PLUG - STRAIGHT SOLDER CUP SIGNAL-COAX



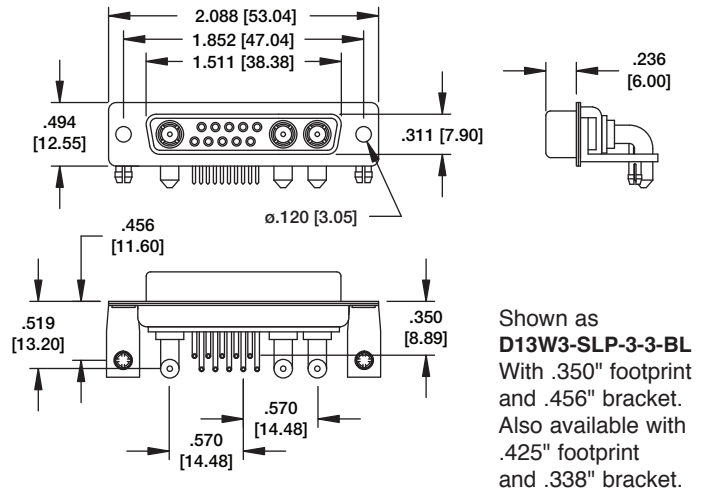
SOCKET - STRAIGHT SOLDER CUP SIGNAL-COAX



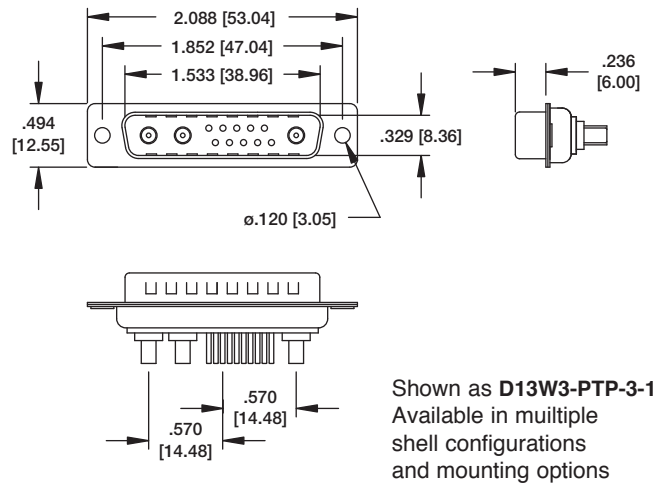
PLUG - RIGHT ANGLE PCB MOUNT SIGNAL-POWER



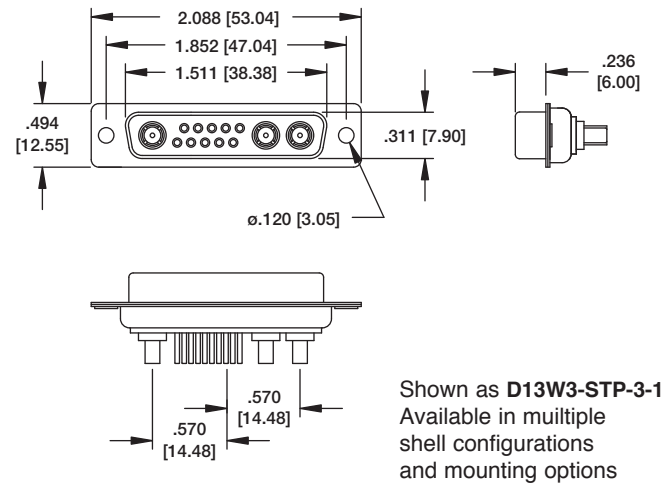
SOCKET - RIGHT ANGLE PCB MOUNT SIGNAL-POWER



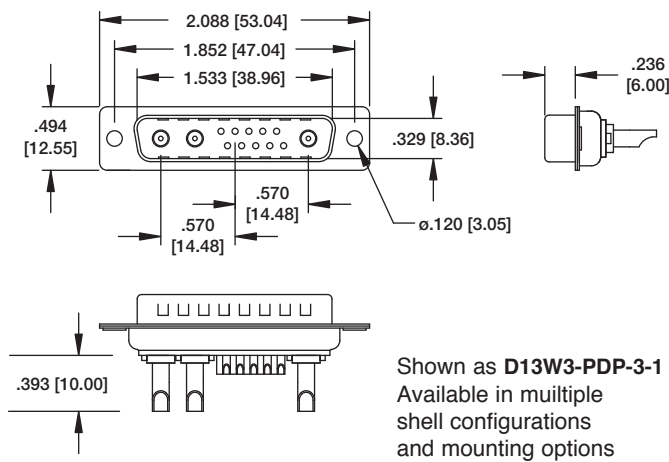
PLUG - STRAIGHT PCB MOUNT SIGNAL-POWER



SOCKET - STRAIGHT PCB MOUNT SIGNAL-POWER



PLUG - STRAIGHT SOLDER CUP SIGNAL-POWER



SOCKET - STRAIGHT SOLDER CUP SIGNAL-POWER

