

#### 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:

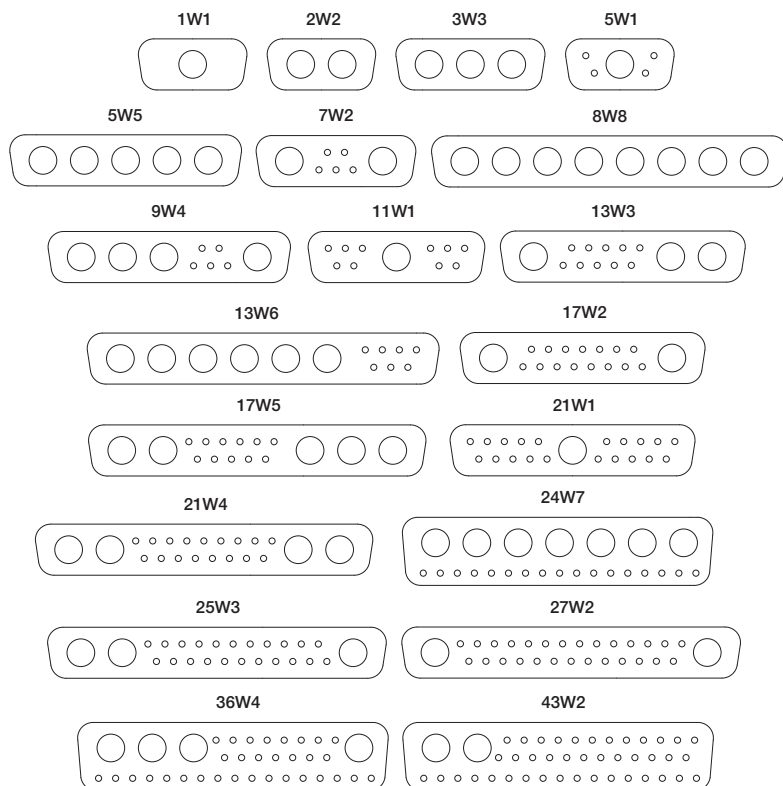
Operating voltage: 250V AC / DC max.  
Signal Current rating: 5 Amps max.  
High Power contact current rating: 20 or 40 Amps.  
Coaxial Impedance: 50Ω (75Ω optional)  
Contact resistance: 20 mΩ max. initial  
Insulation resistance: 5000 MΩ min.  
Dielectric withstanding voltage: 1000V AC for 1 minute

#### 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

#### 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

#### 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

PPT= 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

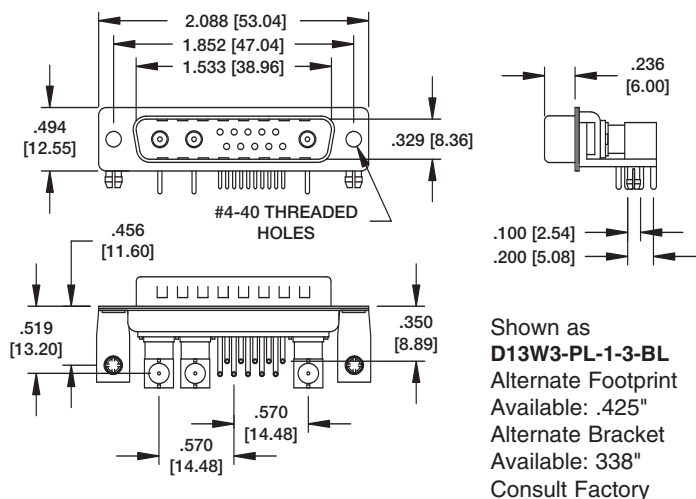
#### MOUNTING RIGHT ANGLE

- 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

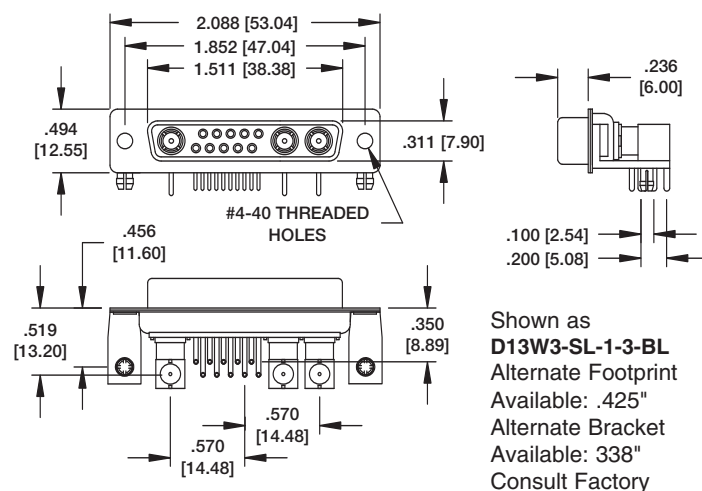
#### MOUNTING STRAIGHT

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

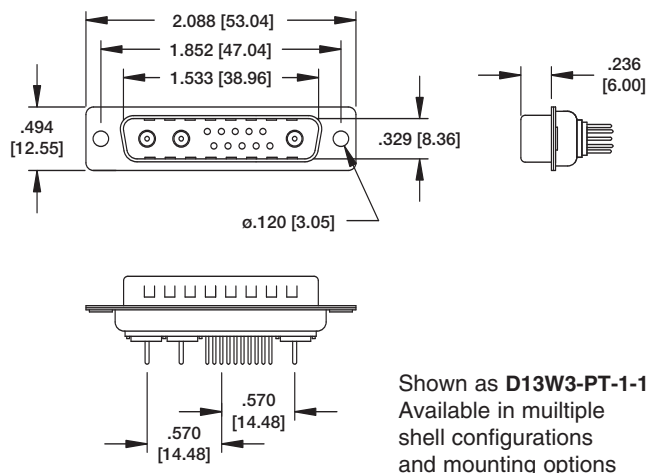
#### PLUG - RIGHT ANGLE PCB MOUNT SIGNAL-COAX



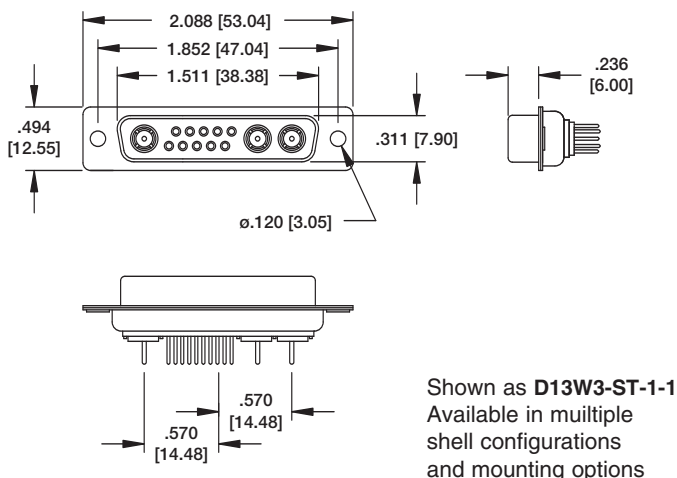
#### SOCKET - RIGHT ANGLE PCB MOUNT SIGNAL-COAX



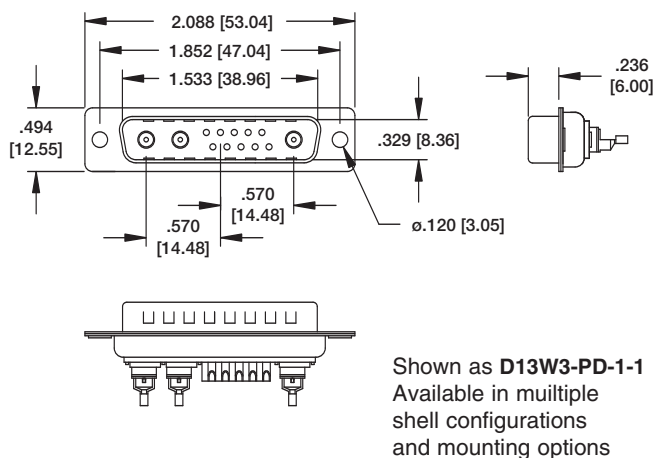
#### PLUG - STRAIGHT PCB MOUNT SIGNAL-COAX



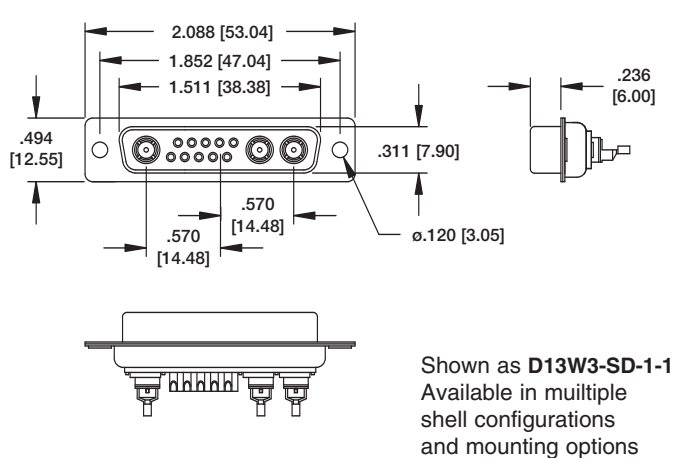
#### SOCKET - STRAIGHT PCB MOUNT SIGNAL-COAX



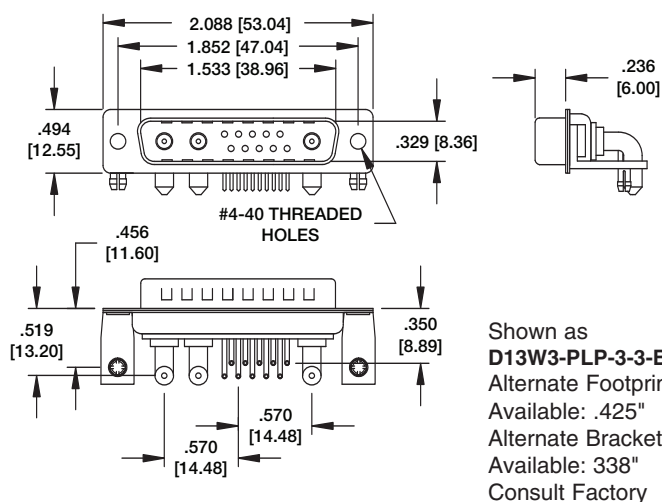
#### PLUG - STRAIGHT SOLDER CUP SIGNAL-COAX



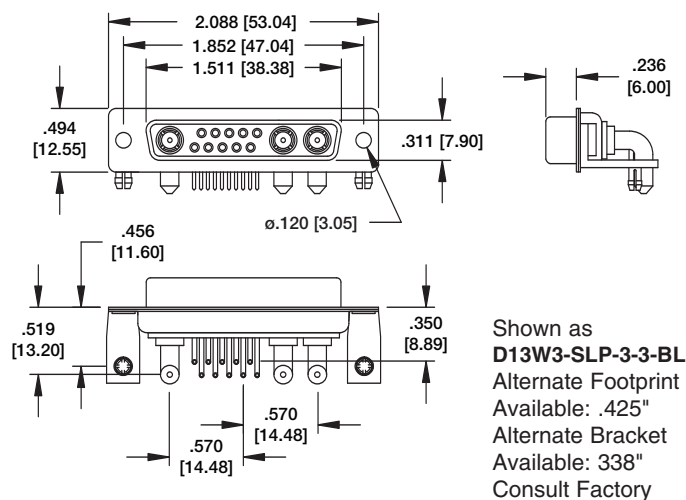
#### SOCKET - STRAIGHT SOLDER CUP SIGNAL-COAX



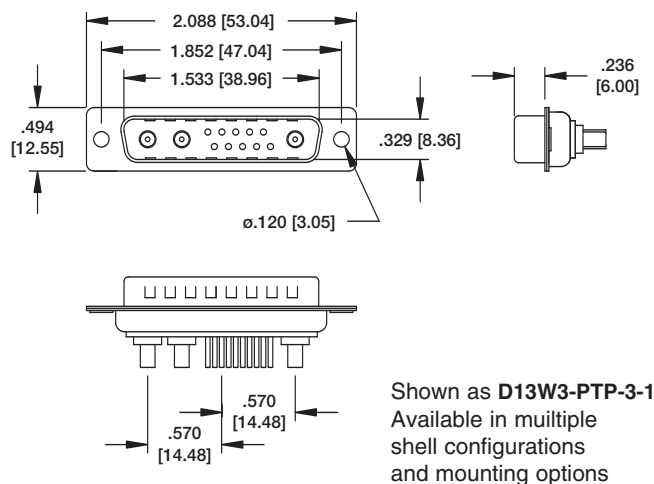
#### PLUG - RIGHT ANGLE PCB MOUNT SIGNAL-POWER



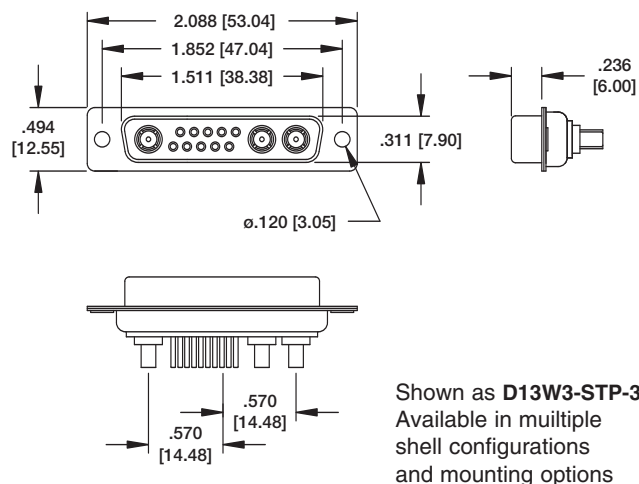
#### SOCKET - RIGHT ANGLE PCB MOUNT SIGNAL-POWER



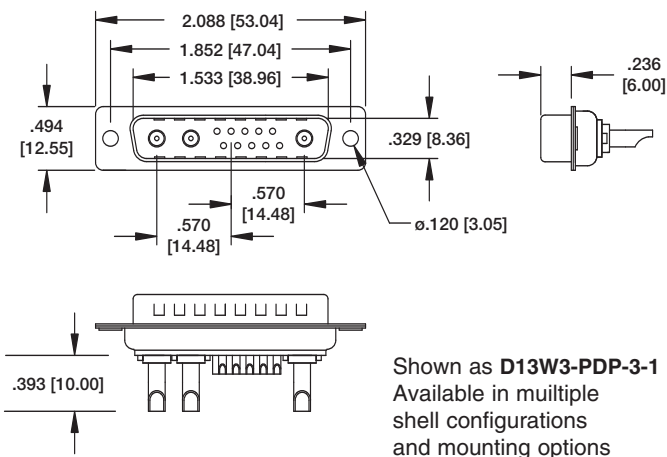
#### PLUG - STRAIGHT PCB MOUNT SIGNAL-POWER



#### SOCKET - STRAIGHT PCB MOUNT SIGNAL-POWER



#### PLUG - STRAIGHT SOLDER CUP SIGNAL-POWER



#### SOCKET - STRAIGHT SOLDER CUP SIGNAL-POWER

