



NEW PRODUCT BULLETIN 666

SEALED  
**1/4" JACKS  
& PLUGS**



**Switchcraft**<sup>®</sup>  
**CONXALL**<sup>®</sup>

HARSH ENVIRONMENT CONNECTIVITY SOLUTIONS



NEW  
SERIES!

**THE MOST RUGGED JACKS & PLUGS ARE NOW SEALED** For nearly 75 years Switchcraft jacks and plugs have been proven in some of the harshest environments possible. This new series takes durability even farther by adding a waterproof, IP66 seal when the jack and plug are mated. Nearly all configurations of 1/4" jacks and plugs are offered in these new sealed versions, so contact Switchcraft to use them in your design today!

**IP66**  
SEALED  
WHEN MATED

The sealed 1/4" jack and plug series is sealed to IP66 when mated for harsh environment durability (requires mated pair of sealed jack and sealed plug).



**TRUE FLEX RELIEF**  
ON PLUG HANDLE

The unique overmolded flex relief on the new sealed 1/4" plug eliminates harsh bends and protects your cable harsh bends.

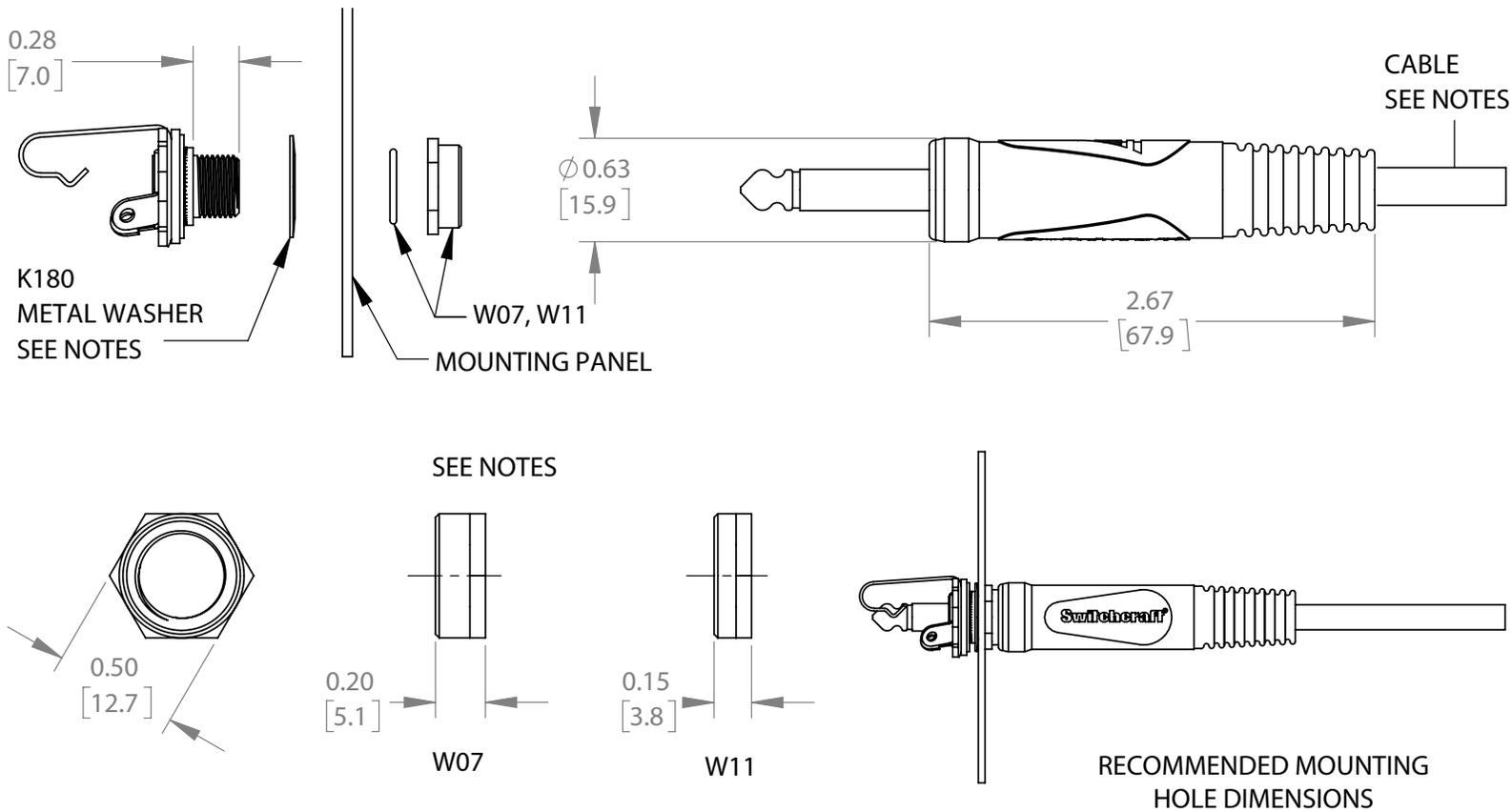


**SWITCHCRAFT**  
QUALITY

Made in Chicago with the same 1-piece tip-rod, premium materials, and design as standard non-sealed Switchcraft 1/4" jacks & plugs.

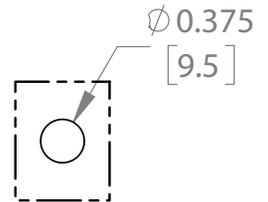


# PRODUCT OVERVIEW



**NOTES:**

1. DRAWING SHOWS ONLY TS (2 POLE) CONFIGURATION, TRS (3 POLE) ALSO AVAILABLE.
2. IP RATING: IP66, SEALED WHEN MATED.
3. HANDLE MATERIAL: NYLON AND RUBBER.
4. USE THE FOLLOWING TABLE TO DETERMINE THE SUITABLE HANDLE FOR A SPECIFIC CABLE:



Cable OD / Inches	0.140	0.170	0.171	0.200	0.201	0.230	0.231	0.260	0.261	0.290
PLUG SUFFIX	..S15	..S18	..S18	..S22	..S22	..S25	..S25	..S28	..S28	..S28

5. USE THE FOLLOWING TABLE TO DETERMINE THE SUITABLE HEX NUT AND WASHER, FOR A SPECIFIC PANEL THICKNESS:

Panel thickness / Inches	0.050	0.055	0.060	0.065	0.070	0.075	0.080	0.085	0.090	0.095	0.100	0.105	0.110	0.115	0.120	0.125
Kit part number	W07 (LARGE)									W11 (SMALL)						
Washer (K180)	yes	yes	yes	yes	yes	no	no	no	no	yes	yes	yes	yes	yes	no	no

6. MAKE SURE THAT THE PLUG IS TIGHTENED ALL THE WAY INTO THE HANDLE TO GUARANTEE PROPER SEAL, MOUNTING THE PLUG MAY REQUIRE EXTRA FORCE TO OVERCOME THE RUBBER EDGE INTERFERENCE.
7. RECOMMENDED WORKING TEMPERATURE: -20 TO 50 C
8. THIS PRODUCT IS RoHS COMPLIANT.



# STANDARD PART NUMBERS

## JACKS\*

PART NUMBER	CONDUCTORS	ACCEPTED PANEL THICKNESS
11W11	2 (Mono)	0.095" [2.4mm] to 0.125" [3.2mm]
11W07	2 (Mono)	0.050" [1.3mm] to 0.090" [2.3mm]
12AW11	2 (Mono)	0.095" [2.4mm] to 0.125" [3.2mm]
12AW07	2 (Mono)	0.050" [1.3mm] to 0.090" [2.3mm]
12BW11	3 (Stereo)	0.095" [2.4mm] to 0.125" [3.2mm]
12BW07	3 (Stereo)	0.050" [1.3mm] to 0.090" [2.3mm]

\*Note: Any Switchcraft 1/4" jack is available with sealed hardware as a special order. Call factory for ordering code and details.

## PLUGS

PART NUMBER	CONDUCTORS	ACCEPTED CABLE DIAMETER
250S15	2 (Mono)	0.140" [3.6mm] to 0.170" [4.3mm]
250S18	2 (Mono)	0.171" [4.3mm] to 0.200" [5.1mm]
250S22	2 (Mono)	0.201" [5.1mm] to 0.230" [5.8mm]
250S25	2 (Mono)	0.231" [5.9mm] to 0.260" [6.6mm]
250S28	2 (Mono)	0.261" [6.6mm] to 0.290" [7.4mm]
267S15	3 (Stereo)	0.140" [3.6mm] to 0.170" [4.3mm]
267S18	3 (Stereo)	0.171" [4.3mm] to 0.200" [5.1mm]
267S22	3 (Stereo)	0.201" [5.1mm] to 0.230" [5.8mm]
267S25	3 (Stereo)	0.231" [5.9mm] to 0.260" [6.6mm]
267S28	3 (Stereo)	0.261" [6.6mm] to 0.290" [7.4mm]

## KITS (Sealing Hex Nut with O-Ring)

PART NUMBER	ACCEPTED PANEL THICKNESS
W11	0.095" [2.4mm] to 0.125" [3.2mm]
W07	0.050" [1.3mm] to 0.090" [2.3mm]

