

PLUG: WG 47-1 PR11 SY  
 RECEPTACLE: WG 47-1 SAD9 SY  
 XX 47-1 XXXX XX

**PLUG**

**RECEPTACLE**

**SERIES**

WG	Plug, right angle, with mounting ears	WG	Receptacle, straight, with mounting ears
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**SIZE**

47-1	47 right angle signal pins, plus 1 right angle or straight removable coax socket	47-1	47 straight signal pins, plus 1 straight removable coax pin
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**CONTACTS**

TYPE CONTACTS/TERMINATIONS:  
 PR7 Pin, right angle, dip solder, .109" x .025" dia  
 PR9 Pin, right angle, dip solder, .140" x .025" dia  
 PR11 Pin, right angle, dip solder, .172" x .025" dia

TYPE CONTACTS/TERMINATIONS:  
 SAC Socket, straight, solder cup (.035" I.D.)  
 SAD9 Socket, straight, dip solder, .140" x .027" dia  
 SAD11 Socket, straight, dip solder, .172" x .027" dia  
 SAD15 Socket, straight, dip solder, .234" x .027" dia  
 SAG7 Socket, straight, dip solder, .109" x .018" dia  
 SAG9 Socket, straight, dip solder, .140" x .018" dia  
 SAG11 Socket, straight, dip solder, .172" x .018" dia

**HARDWARE**

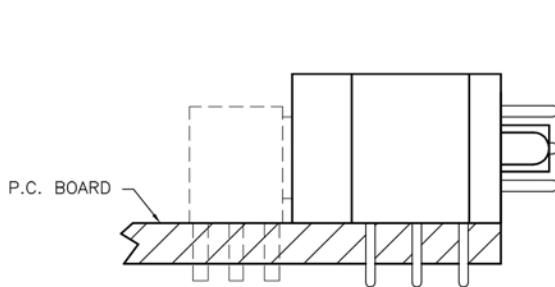
SY	Guide set	SY	Guide set
SY#	Guide set, polarized	SY#	Guide set, polarized

**OPTIONS**

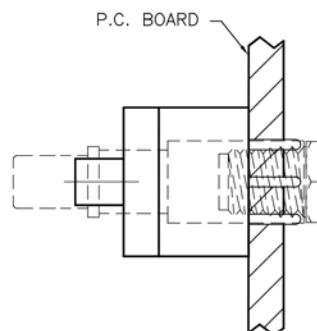
- Molded insulator (plug only): Diallyl Phthalate per ASTM-D5948 (GDI-30F or SDG-F)
- Removable type coax contacts sold separately. See "Coax Contacts" in Accessories section for instructions.
- Coax Contacts: WTC188P = straight pin (to be installed in receptacle insulator only)  
 WTC196P = straight pin (to be installed in receptacle insulator only)  
 WTC085P = straight pin (to be installed in receptacle insulator only)  
 WTC188S = straight socket (to be installed in plug insulator only)  
 WTC196S = straight socket (to be installed in plug insulator only)  
 WTC085S = straight socket (to be installed in plug insulator only)  
 WTC10SRD9 = right angle socket (to be installed in plug insulator only)
- Option Codes: Add to the end of the part number. Example: WG47-1SACSY-C34. Call factory for additional codes.

-342 Remove mounting ears. (.250" each end)  
 -548 Bond #4-40 small pattern nut into mounting holes (for right angle plug connectors only).  
 -C34 Remove .225" standoff so connector is flush to board (receptacle only).  
 -G69 Solder cups are fixed in an outward orientation, otherwise contacts can rotate.  
 -D01 Pretinned contact terminations (except solder cups, wire wraps® and flex contacts) with 63/37 or 60/40 solder.   
 -P39 Pretinned contact terminations (except solder cups, wire wraps® and flex contacts) with SAC 305 solder (lead free).

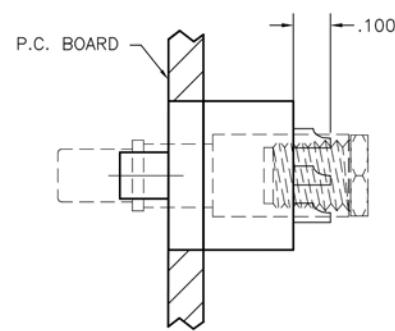
= Option not RoHS compliant



WG47-1PR9SY  
P.C. BOARD EXAMPLE



WG47-1SAD9SY  
MOTHERBOARD EXAMPLE



WG47-1SACSY  
CHASSIS EXAMPLE