



**THE DATASHEET OF  
WTB10PR7J**





PLUG: WTB 20 PR9 SY  
 RECEPTACLE: WTB 20 SAD11 SY  
 XXXX XX XXXXX XX

**PLUG**

**RECEPTACLE**

SERIES	
WTB Plug, right angle, with mounting ears	WTB Receptacle, straight, with mounting ears WTB Receptacle, right angle, with mounting ears

SIZE	
XX Number of contacts (10, 14, 20, 24, 26, 30, 36, 40, 44, 50, 54, 56, 60, 66, or 70)	XX Number of contacts (10, 14, 20, 24, 26, 30, 36, 40, 44, 50, 54, 56, 60, 66, or 70)

**CONTACTS**

• The contact type determines image of connector. Pin, right angle contacts are always plug image. Straight pin contacts or socket contacts are receptacle image. See page W-24 to switch the image.

TYPE CONTACTS/TERMINATIONS:	TYPE CONTACTS/TERMINATIONS:
PRC Pin, right angle, solder cup (.035" I.D.)	SAC Socket, straight, solder cup (.035" I.D.)
PR7 Pin, right angle, dip solder, .109" x .025" dia	SAD7 Socket, straight, dip solder, .109" x .027" dia
PR9 Pin, right angle, dip solder, .140" x .025" dia	SAD9 Socket, straight, dip solder, .140" x .027" dia
PR11 Pin, right angle, dip solder, .172" x .025" dia	SAD11 Socket, straight, dip solder, .172" x .027" dia
PR13 Pin, right angle, dip solder, .203" x .025" dia	SAF3 Socket, straight, flex circuit, .050"
PR15 Pin, right angle, dip solder, .234" x .025" dia	SAF6 Socket, straight, flex circuit, .093"
PR23 Pin, right angle, dip solder, .359" x .025" dia	SAF9 Socket, straight, flex circuit, .140"
PR30 Pin, right angle, dip solder, .470" x .025" dia	SAG7 Socket, straight, dip solder, .109" x .018" dia
PRW33 Pin, right angle, wire wrap <sup>®</sup> , .515"	SAG9 Socket, straight, dip solder, .140" x .018" dia
PRW40 Pin, right angle, wire wrap <sup>®</sup> , .625"	SAG11 Socket, straight, dip solder, .172" x .018" dia
	SAW24 Socket, straight, wire wrap <sup>®</sup> , .375"
	SAW40 Socket, straight, wire wrap <sup>®</sup> , .625"
	SOR7 Socket, right angle, dip solder, .109" x .025" dia
	SOR9 Socket, right angle, dip solder, .140" x .025" dia
	SOR11 Socket, right angle, dip solder, .172" x .025" dia

**HARDWARE**

• Plug facial seal gaskets; order separately or add "Q" in part number. Example: WTB10PR9QJ  
 See "Gaskets" in Accessories section for instructions.

SY Guide set	SY Guide set
SY-# Guide set, polarized	SY-# Guide set, polarized
SYL Guide set, long	SYL Guide set, long
SYL-# Guide set, long, polarized	SYL-# Guide set, long, polarized
JT Turning jackset, .435"	J Fixed jackset
JTA Turning jackset, .135"	JL Fixed jackset, long
JTB Hex turning jackset, .135"	
JTC Hex turning jackset, .435"	
JTL Turning jackset, long, .635"	

**OPTIONS**

- Option Codes: Add to the end of the part number. Example: WTB10PR9SY342. Call factory for additional codes.
  - 342 Remove mounting ears. (.250" each end)
  - 443 Polarizing pin installed in contact position noted by dash number. See "Polarization" in Accessories section. Receptacle connector only.
  - 515 Contact position noted by dash number is left open (to mate with -443). For right angle connectors only.
  - 548 Bond #4-40 small pattern nut into mounting holes (for right angle plug connectors only).
  - B82 Termination face sealed against conformal coating
  - D01 Pretinned contact terminations (except solder cups, wire wraps<sup>®</sup> and flex contacts) with 63/37 or 60/40 solder.
  - P39 Pretinned contact terminations (except solder cups, wire wraps<sup>®</sup> and flex contacts) with SAC305 solder (lead free).
  - D54 Combine -B82 & -D01 options
  - G69 Solder cups fixed in an outward orientation (otherwise contacts will rotate)
  - 413 Straight pin contacts in right angle plug molding with solder cup terminations extending .100" from face.
- = Option not RoHS compliant

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