

PLUG: WTAV 20 PD9 SYL  
RECEPTACLE: WTAX 20 SAD9 SYL  
XXXX XX XXXX XXX

## PLUG

## RECEPTACLE

| SERIES                                                                                |                                                                                       |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| WTAV Plug, straight, no mounting ears                                                 | WTAX Receptacle, straight, no mounting ears                                           |
|                                                                                       | WTAX Receptacle, right angle, no 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

- Pin or socket contacts can be used in either plug or receptacle.
- When pin contacts are used, standard hardware orientation places the female hardware next to the #1 pin contact.
- When socket contacts are used, standard hardware orientation places the male hardware next to the #1 socket contact.

### TYPE CONTACTS/TERMINATIONS:

|      |                                               |
|------|-----------------------------------------------|
| PC   | Pin, straight, solder cup (.035" I.D.)        |
| PD7  | Pin, straight, dip solder, .109" x .027" dia  |
| PD9  | Pin, straight, dip solder, .140" x .027" dia  |
| PD11 | Pin, straight, dip solder, .172" x .027" dia  |
| PF3  | Pin, straight, flex circuit, .050"            |
| PF6  | Pin, straight, flex circuit, .093"            |
| PF8  | Pin, straight, flex circuit, .125"            |
| PW34 | Pin, straight, wire wrap <sup>®</sup> , .531" |
| PW40 | Pin, straight, wire wrap <sup>®</sup> , .625" |

### TYPE CONTACTS/TERMINATIONS:

|       |                                                            |
|-------|------------------------------------------------------------|
| SAC   | Socket, straight, solder cup (.035" I.D.)                  |
| SAD7  | Socket, straight, dip solder, .109" x .027" dia            |
| SAD9  | Socket, straight, dip solder, .140" x .027" dia            |
| SAD11 | Socket, straight, dip solder, .172" x .027" dia            |
| SAF3  | Socket, straight, flex circuit, .050"                      |
| SAF6  | Socket, straight, flex circuit, .093"                      |
| SAF9  | Socket, straight, flex circuit, .140"                      |
| 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            |
| SAP   | Socket, straight, pin termination, .150" (connector saver) |
| 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

- Jackset hardware determines image of connector. Must specify image with guide set hardware.
- Plug facial seal gaskets and hoods; order separately or add "Q" in part number. Example: WTAV10PD9QJ. See "Gaskets" and "Hoods" in Accessories section for instructions.
- Fixed jackset, long (JL) includes jackscrew or jacksocket, #2-56 nut, #2 flat washer & #2 lockwasher

|       |                            |
|-------|----------------------------|
| SY    | Guide set                  |
| SY-#  | Guide set, polarized       |
| SYL   | Guide set, long            |
| SYL-# | Guide set, long, polarized |
| J     | Fixed jackset              |
| JL    | Fixed jackset, long        |

|       |                              |
|-------|------------------------------|
| SY    | Guide set                    |
| SY-#  | Guide set, polarized         |
| SYL   | Guide set, long              |
| SYL-# | Guide set, long, polarized   |
| JT    | Turning jackset, .500"       |
| JTA   | Turning jackset, .200"       |
| JTB   | Hex turning jackset, .200"   |
| JTC   | Hex turning jackset, .500"   |
| JTL   | Turning jackset, long, .700" |

## OPTIONS

- Option Codes: Add to the end of the part number. Example: WTAV10PD9J-D01. Call factory for additional codes.
- 433 Polarizing pin installed in contact position noted by dash number. See "Polarization" in Accessories section.
- 444 Contact position noted by dash number is left open (to mate with -443). See "Polarization" in Accessories section.
- 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)

☒ = Option not RoHS compliant

