

PLUG: WTB 20 PR11 SY
 RECEPTACLE: WTKA 20 S SY
 XXXX XX XXXX XX

PLUG

RECEPTACLE

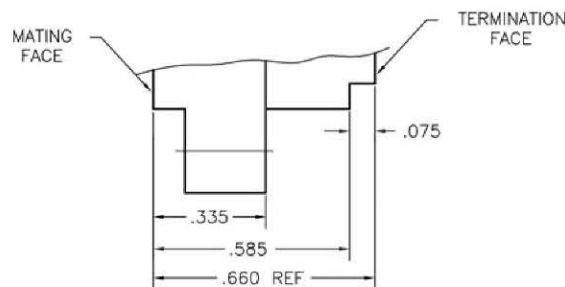
SERIES	
WTB Plug, right angle, with mounting ears	WTKA Receptacle, straight, crimp removable, with mounting ears
• WTKA and WTDXA connectors will mate with WTA, WTAV, WTB, WTBV connectors. "A" means contacts are included.	

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)

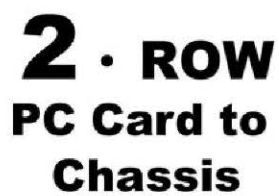
CONTACTS	
- The use of gaskets is not recommended with crimp socket contacts. - WTKA** includes full compliment of WTK2222 (Socket or Pin) crimp removable contacts packaged with connectors. See "Contacts" in Accessories section to order separately. - When using crimp contacts with 20 gage barrel, barrel must be cut off prior to removing contact from connector body.	
TYPE CONTACTS/TERMINATIONS:	TYPE CONTACTS/TERMINATIONS:
PR7 Pin, right angle, dip solder, .109" x .025" dia	S Socket, straight, crimp removable, 22 AWG
PR9 Pin, right angle, dip solder, .140" x .025" dia	SA Same as above
PR11 Pin, right angle, dip solder, .172" x .025" dia	P Pin, straight, crimp removable, 22 AWG
PRW40 Pin, right angle, wire wrap®, .625"	

HARDWARE	
SY Guide set	SY Guide set
SY-# Guide set, polarized	SY-# Guide set, polarized
J Fixed jackset	J Fixed jackset
JT Turning jackset, .435"	JT Turning jackset, .500"
JTA Turning jackset, .135"	JTA Turning jackset, .200"
JTB Hex turning jackset, .135"	JTB Hex turning jackset, .200"
JTC Hex turning jackset, .435"	JTC Hex turning jackset, .500"
JTL Turning jackset, long, .635"	JTL Turning jackset, long, .700"

OPTIONS	
• Option Codes: Add to the end of the part number. Example: WTKA10SSY-C45. Call factory for additional codes.	
-443	Polarizing pin installed in contact position noted by dash number. See "Polarization" in Accessories section. Receptacle connector only.
-444	Contact position noted by dash number is left open (to mate with -443).
-478	Drill mating side hole diameter designated by dash number.
-515	Polarizing pin installed in contact position noted by dash number. See "Polarization" in Accessories section. Receptacle connector only.
-548	Bond #4-40 small pattern nut into mounting holes (for right angle plug connectors only).
-A53	Socket, straight, crimp removable, 20 AWG
-C45	Additional .075" material at termination face for strain relief of crimped wires (22 AWG only). See Detail A below.
-F68	Combine -C45 and -515 special codes.



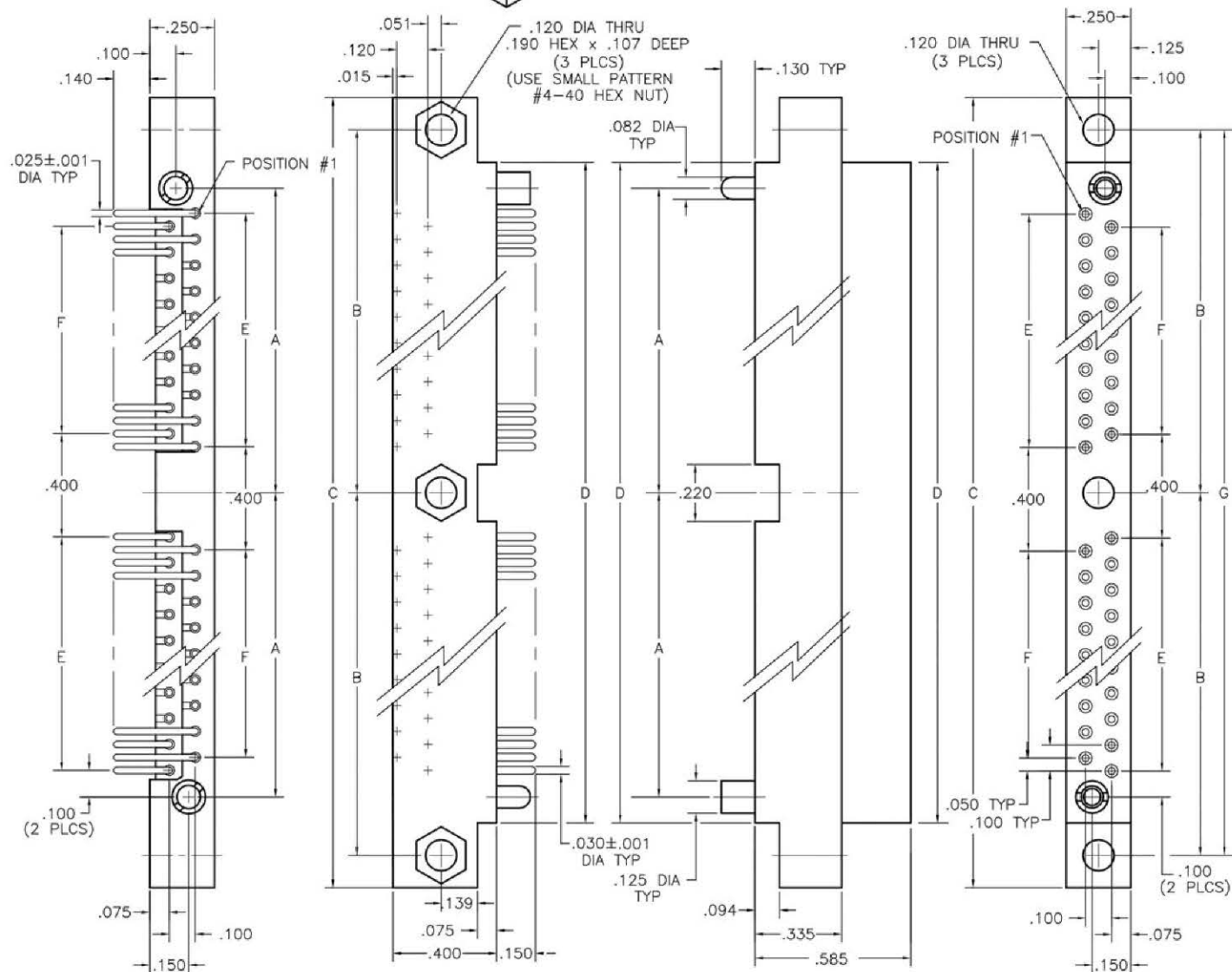
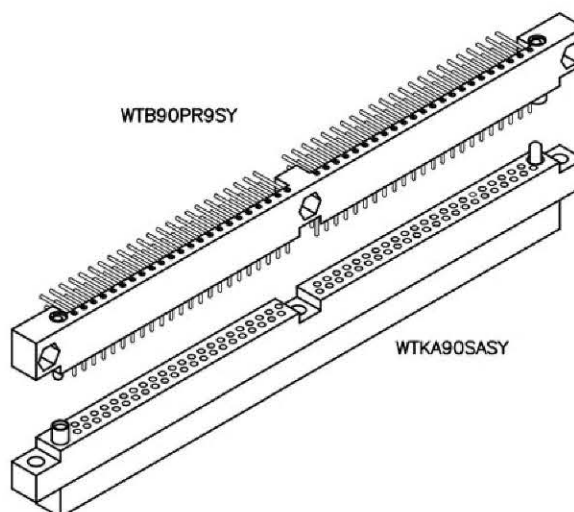
DETAIL A



.100"

WTB - WTKA

90 & 120 Contacts



PLUG

RECEPTACLE

DIMENSIONS							
SIZE	A	B	C	D	E	F	G
90	2.475	2.700	5.650	5.150	2.200	2.100	5.400
120	3.225	3.450	7.150	6.650	2.900	2.900	6.900

PLUG: WTB 90 PR9 SY
 RECEPTACLE: WTKA 90 SA SY
 XXXX XX XXX XX

PLUG

RECEPTACLE

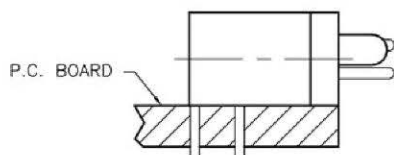
SERIES	
WTB Plug, right angle, with mounting ears	WTKA Receptacle, straight, crimp removable, with mounting ears
WTKA and WTDXA connectors will mate with WTA, WTAV, WTB, WTBV connectors. "A" means contacts are included.	

SIZE	
XX Number of contacts (90 or 120)	XX Number of contacts (90 or 120)

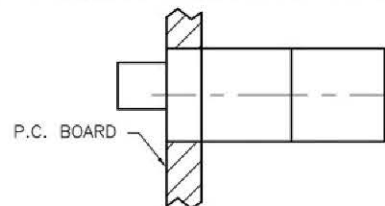
CONTACTS	
- The use of gaskets is not recommended with crimp socket contacts. - WTKA** includes full compliment of WTK2222 (Socket or Pin) crimp removable contacts packaged with connectors. See "Contacts" in Accessories section to order separately. - When using crimp contacts with 20 gage barrel, barrel must be cut off prior to removing contact from connector body.	
TYPE CONTACTS/TERMINATIONS:	TYPE CONTACTS/TERMINATIONS:
PR7 Pin, right angle, dip solder, .109" x .025" dia	S Socket, straight, crimp removable, 22 AWG
PR9 Pin, right angle, dip solder, .140" x .025" dia	SA Same as above
PR11 Pin, right angle, dip solder, .172" x .025" dia	P Pin, straight, crimp removable, 22 AWG
PRW40 Pin, right angle, wire wrap®, .625"	

HARDWARE	
SY Guide set	SY Guide set
SY-# Guide set, polarized	SY-# Guide set, polarized
J Fixed jackset	J Fixed jackset
JT Turning jackset, .435"	JT Turning jackset, .500"
JTA Turning jackset, .135"	JTA Turning jackset, .200"
JTB Hex turning jackset, .135"	JTB Hex turning jackset, .200"
JTC Hex turning jackset, .435"	JTC Hex turning jackset, .500"
JTL Turning jackset, long, .635"	JTL Turning jackset, long, .700"

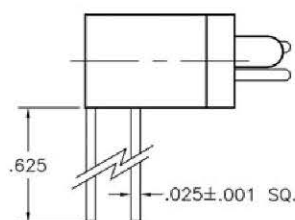
OPTIONS	
Option Codes: Add to the end of the part number. Example: WTKA10SSY-C45. Call factory for additional codes.	
-443	Polarizing pin installed in contact position noted by dash number. See "Polarization" in Accessories section. Receptacle connector only.
-444	Contact position noted by dash number is left open (to mate with -443). Right angle only.
-478	Drill mating side hole diameter designated by dash number (crimp only).
-515	Polarizing pin installed in contact position noted by dash number. See "Polarization" in Accessories section. Receptacle connector only.
-548	Bond #4-40 small pattern nut into mounting holes (for right angle plug connectors only).
-A53	Socket, straight, crimp removable, 20 AWG
-C45	Additional .075" material at termination face for strain relief of crimped wires (22 AWG only). See Detail A below.
-F68	Combine -C45 and -515 special codes.



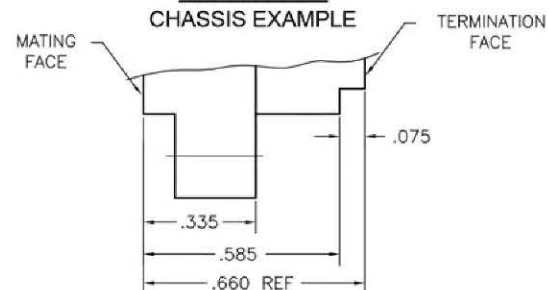
WTB90PR9SY
 P.C. BOARD EXAMPLE



WTKA90SASY
 CHASSIS EXAMPLE



WTB90PRW40SY
 WIRE WRAP EXAMPLE



DETAIL A

PLUG: WTKVA 20 P SY
 RECEPTACLE: WTKA 20 S SY
 XXXX XX XXXX XX

PLUG

RECEPTACLE

SERIES

WTKVA Plug, straight, crimp removable, with mounting ears | WTKA Receptacle, straight, crimp removable, with mounting ears

- WTKVA and WTKA connectors will mate with WTA, WTAV, WTB, WTBV connectors. "A" means contacts are included.

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 use of gaskets is not recommended with crimp connectors.
- WTKVA** and WTKA includes full compliment of WTK2222 (Socket or Pin) crimp removable contacts packaged with connectors. See "Contacts" in Accessories section to order separately.
- When using crimp contacts with 20 gage barrel, barrel must be cut off prior to removing contact from connector body.

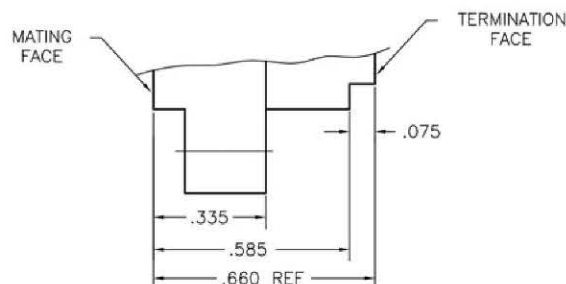
TYPE CONTACTS/TERMINATIONS:		TYPE CONTACTS/TERMINATIONS:	
P	Pin, straight, crimp removable, 22 AWG	S	Socket, straight, crimp removable, 22 AWG
S	Socket, straight, crimp removable, 22 AWG	SA	Same as above
SA	Same as above	P	Pin, straight, crimp removable, 22 AWG

HARDWARE

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

OPTIONS

- Option Codes: Add to the end of the part number. Example: WTKA10SSY-C45. Call factory for additional codes.
- 443 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).
- 478 Drill mating side hole diameter designated by dash number.
- 515 Polarizing pin installed in contact position noted by dash number. See "Polarization" in Accessories section.
- A53 20 AWG, straight, crimp removable contact, pin or socket.
- C45 Additional .075" material at termination face for strain relief of crimped wires (22 AWG only). See Detail A below.
- F68 Combine -C45 and -515 special codes.



DETAIL A

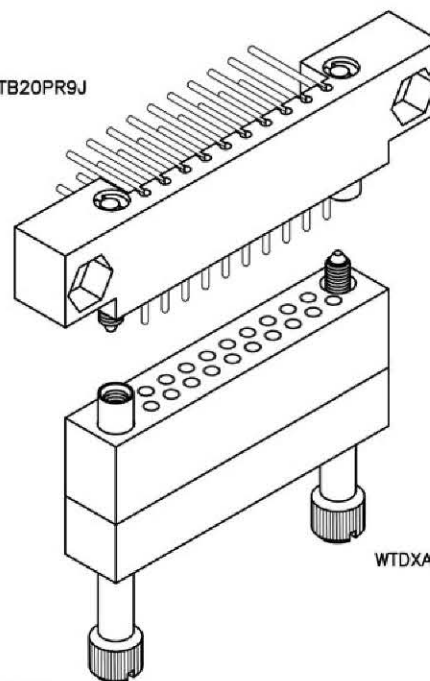
2 • ROW PC Card to Board

.100"

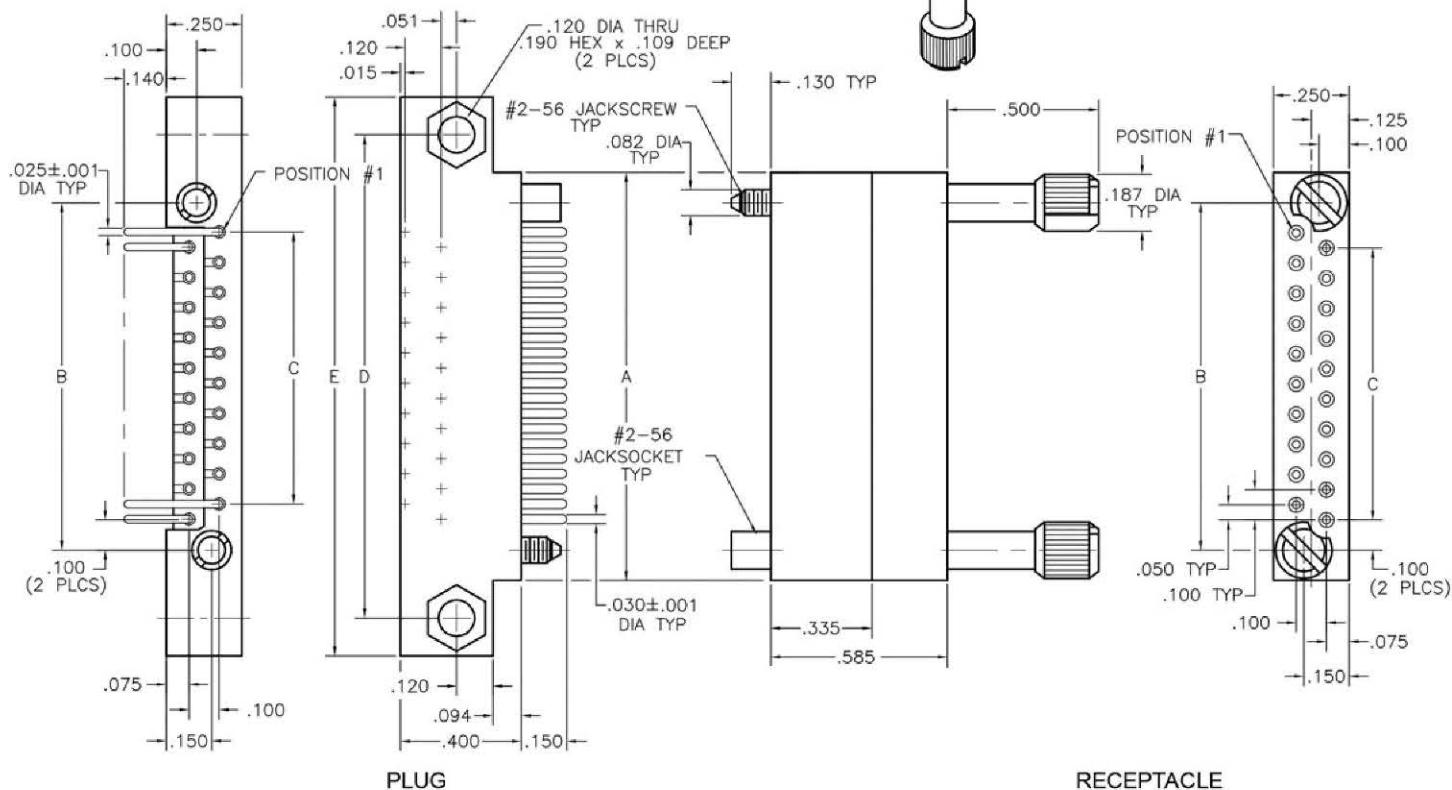
WTB - WTDXA

10 thru 70 Contacts

WTB20PR9J



WTDXA20SJT



DIMENSIONS											
SIZE	A	B	C	D	E	SIZE	A	B	C	D	E
10	.850	.650	.400	1.100	1.350	44	2.550	2.350	2.100	2.800	3.050
14	1.050	.850	.600	1.300	1.550	50	2.850	2.650	2.400	3.100	3.350
20	1.350	1.150	.900	1.600	1.850	54	3.050	2.850	2.600	3.300	3.550
24	1.550	1.350	1.100	1.800	2.050	56	3.150	2.950	2.700	3.400	3.650
26	1.650	1.450	1.200	1.900	2.150	60	3.350	3.150	2.900	3.600	3.850
30	1.850	1.650	1.400	2.100	2.350	66	3.650	3.450	3.200	3.900	4.150
36	2.150	1.950	1.700	2.400	2.650	70	3.850	3.650	3.400	4.100	4.350
40	2.350	2.150	1.900	2.600	2.850						

PLUG: WTB 20 PR9 J
 RECEPTACLE: WTDXA 20 S JT
 XXXXX XX XXX XX

PLUG

RECEPTACLE

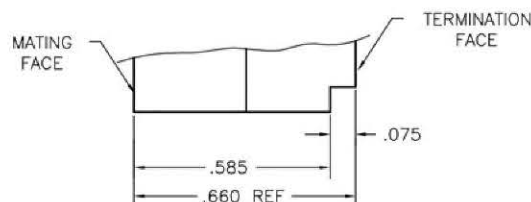
SERIES	
WTB Plug, right angle, with mounting ears	WTDXA Receptacle, straight, crimp removable, without mounting ears
WTKA and WTDXA connectors will mate with WTA, WTAV, WTB, WTBV connectors. "A" means contacts are included.	

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 use of gaskets is not recommended with crimp socket contacts. - WTKA** includes full compliment of WTK2222 (Socket or Pin) crimp removable contacts packaged with connectors. See "Contacts" in Accessories section to order separately. - When using crimp contacts with 20 gage barrel, barrel must be cut off prior to removing contact from connector body.	
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PR9 Pin, right angle, dip solder, .140" x .025" dia	SA Same as above
PR11 Pin, right angle, dip solder, .172" x .025" dia	P Pin, straight, crimp removable, 22 AWG
PRW40 Pin, right angle, wire wrap®, .625"	

HARDWARE	
SY Guide set	SY Guide set
SY-# Guide set, polarized	SY-# Guide set, polarized
J Fixed jackset	J Fixed jackset
JT Turning jackset, .435"	JT Turning jackset, .500"
JTA Turning jackset, .135"	JTA Turning jackset, .200"
JTB Hex turning jackset, .135"	JTB Hex turning jackset, .200"
JTC Hex turning jackset, .435"	JTC Hex turning jackset, .500"
JTL Turning jackset, long, .635"	JTL Turning jackset, long, .700"

OPTIONS	
Option Codes: Add to the end of the part number. Example: WTKA10SSY-C45. Call factory for additional codes.	
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-444	Contact position noted by dash number is left open (to mate with -443). Right angle only.
-478	Drill mating side hole diameter designated by dash number.
-515	Polarizing pin installed in contact position noted by dash number. See "Polarization" in Accessories section. Receptacle connector only.
-548	Bond #4-40 small pattern nut into mounting holes (for right angle plug connectors only).
-A53	Socket, straight, crimp removable, 20 AWG
-C45	Additional .075" material at termination face for strain relief of crimped wires (22 AWG only). See Detail A below.
-F68	Combine -C45 and -515 special codes.



DETAIL A

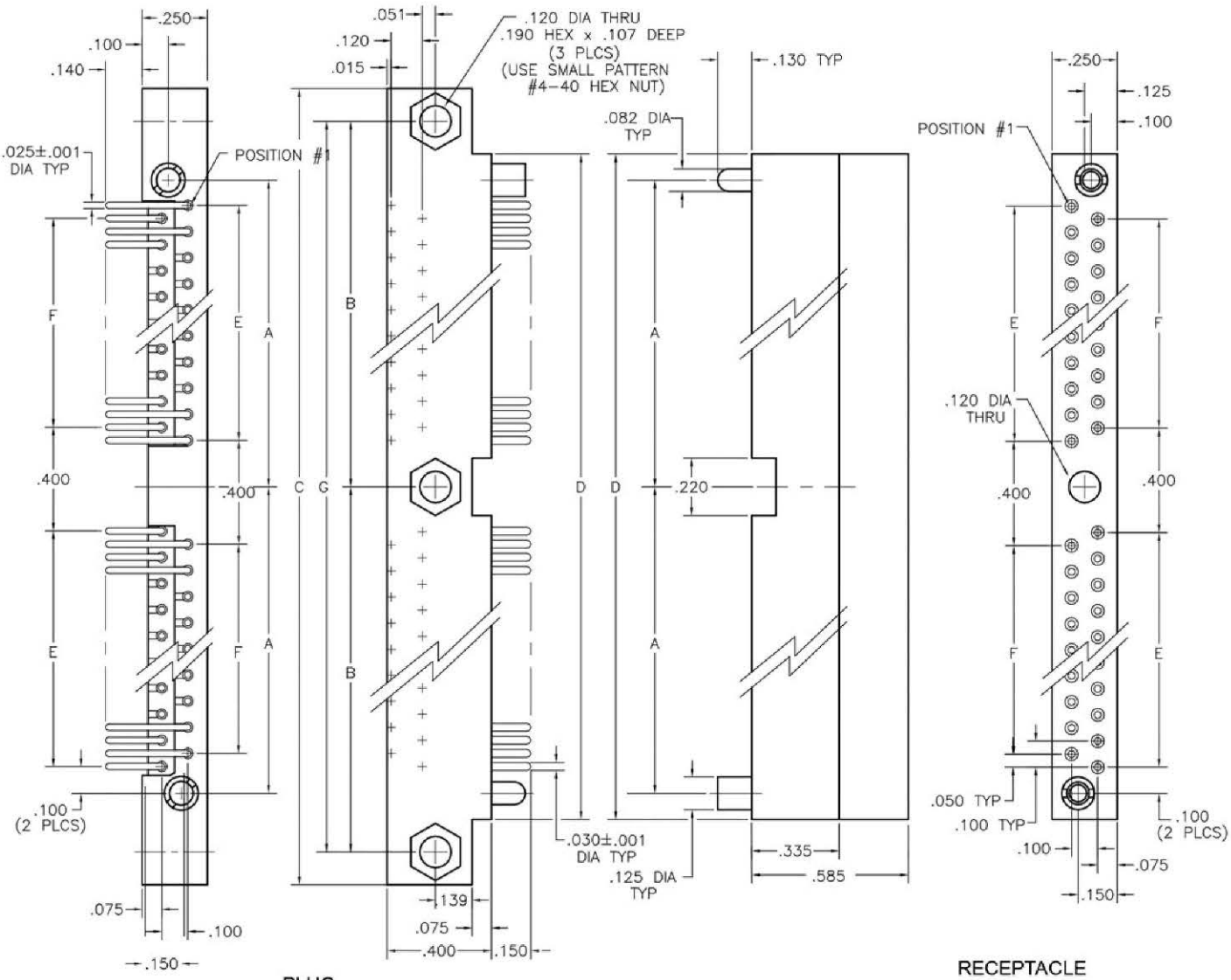
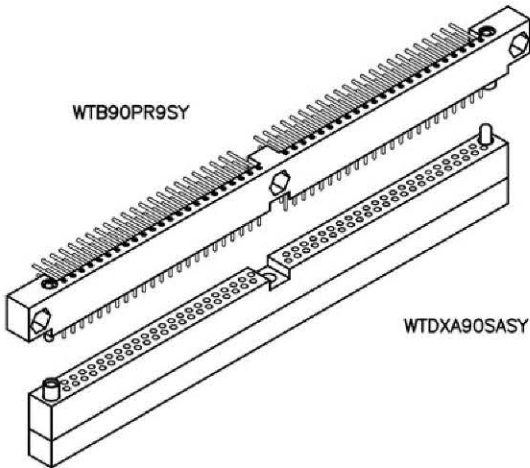


2 · ROW PC Card to Board

.100"

WTB - WTDXA

90 & 120 Contacts



DIMENSIONS							
SIZE	A	B	C	D	E	F	G
90	2.475	2.700	5.560	5.150	2.200	2.100	5.400
120	3.225	3.450	7.150	6.650	2.900	2.900	6.900

PLUG: WTB 90 PR9 SY
RECEPTACLE: WTDXA 90 SA SY
XXXXX XX XXX XX

PLUG

RECEPTACLE

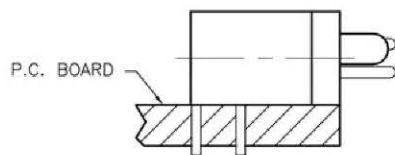
SERIES	
WTB Plug, right angle, with mounting ears	WTDXA Receptacle, straight, crimp removable, without mounting ears
WTKA and WTDXA connectors will mate with WTA, WTAV, WTB, WTBV connectors. "A" means contacts are included.	

SIZE	
XX Number of contacts (90 or 120)	XX Number of contacts (90 or 120)

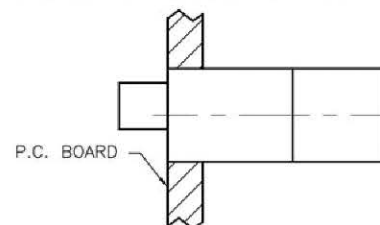
CONTACTS	
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PR7 Pin, right angle, dip solder, .109" x .025" dia	S Socket, straight, crimp removable, 22 AWG
PR9 Pin, right angle, dip solder, .140" x .025" dia	SA Same as above
PR11 Pin, right angle, dip solder, .172" x .025" dia	P Pin, straight, crimp removable, 22 AWG
PRW40 Pin, right angle, wire wrap®, .625"	

HARDWARE	
SY Guide set	SY Guide set
SY-# Guide set, polarized	SY-# Guide set, polarized
J Fixed jackset	J Fixed jackset
JT Turning jackset, .435"	JT Turning jackset, .500"
JTA Turning jackset, .135"	JTA Turning jackset, .200"
JTB Hex turning jackset, .135"	JTB Hex turning jackset, .200"
JTC Hex turning jackset, .435"	JTC Hex turning jackset, .500"
JTL Turning jackset, long, .635"	JTL Turning jackset, long, .700"

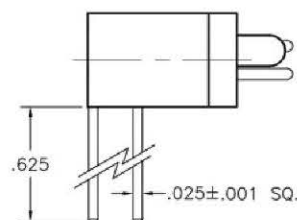
OPTIONS	
Option Codes: Add to the end of the part number. Example: WTDXA90SSSY-C45. Call factory for additional codes.	
-443	Polarizing pin installed in contact position noted by dash number. See "Polarization" in Accessories section. Receptacle connector only.
-444	Contact position noted by dash number is left open (to mate with -443). Right angle only.
-478	Drill mating side hole diameter designated by dash number (crimp only).
-515	Polarizing pin installed in contact position noted by dash number. See "Polarization" in Accessories section. Receptacle connector only.
-548	Bond #4-40 small pattern nut into mounting holes (for right angle plug connectors only).
-A53	Socket, straight, crimp removable, 20 AWG
-C45	Additional .075" material at termination face for strain relief of crimped wires (22 AWG only). See Detail A below.
-F68	Combine -C45 and -515 special codes.



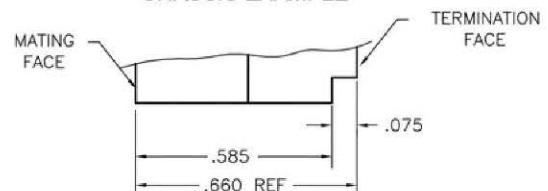
WTB90PR9SY
P.C. BOARD EXAMPLE



WTDXA90SASY
CHASSIS EXAMPLE



WTB90PRW40SY
WIRE WRAP EXAMPLE



DETAIL A