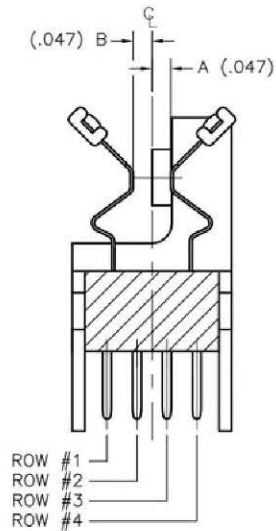
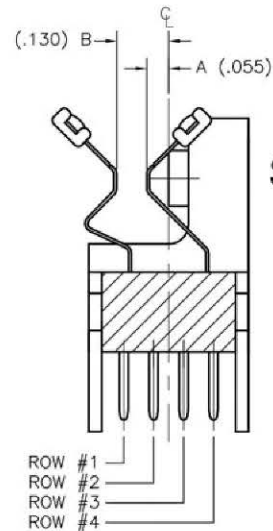


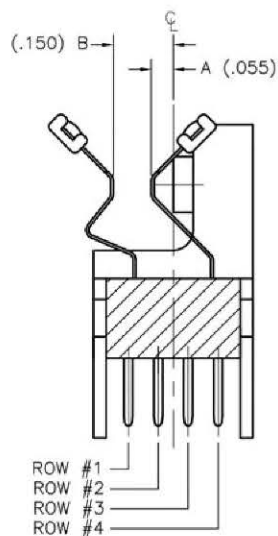
SMT Configuration Options



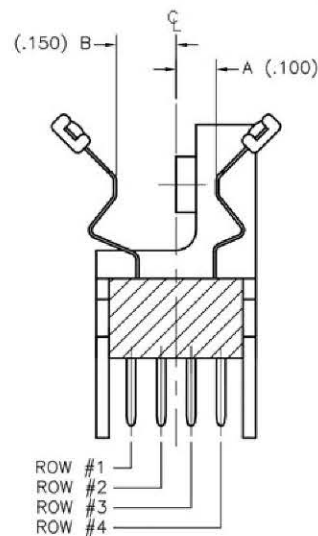
STYLE 933



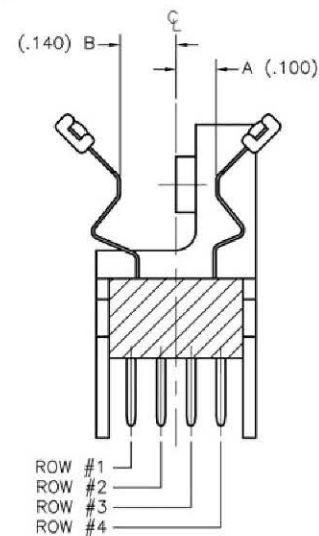
STYLE 925



STYLE 927



STYLE 947



STYLE 946

DISTANCE FROM Q (A)

1 .005
2 .055

DISTANCE FROM Q (A OR B)

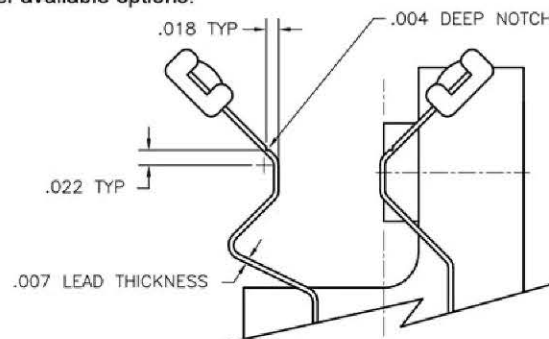
3 .047 7 .150
4 .100 8 .070
5 .130 9 .080
6 .140

DISTANCE FROM Q (B)

0 .090

NOTES:

1. Various board thicknesses can be accommodated by specifying A and B designators. For example: 9 (A)(B)
2. Consult factory for other available options.



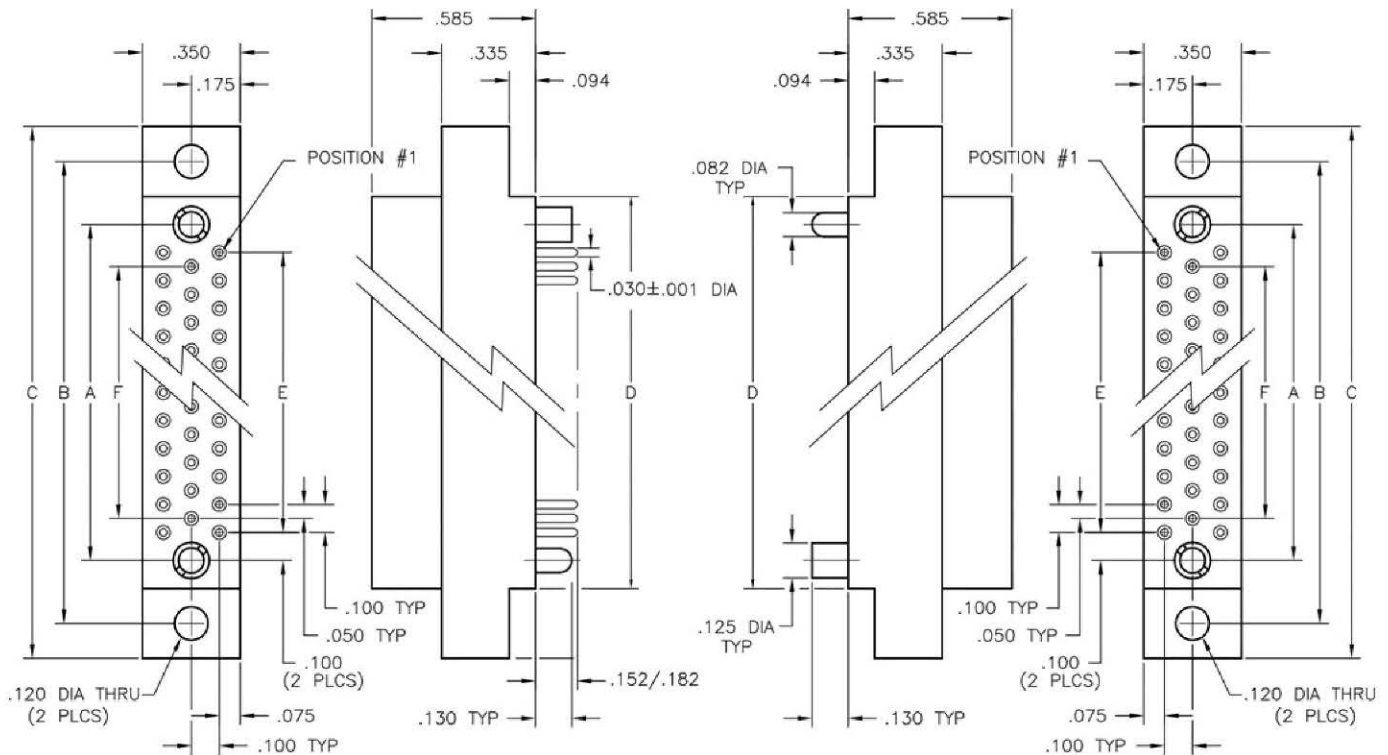
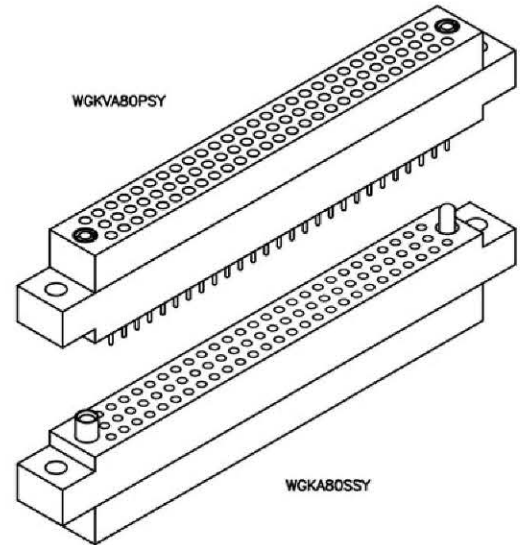
CONTACT NOTCH DETAIL

3 • ROW Chassis to Chassis

.100"

WGKVA - WGKA

50 thru 160



PLUG

RECEPTACLE

DIMENSIONS						
SIZE	A	B	C	D	E	F
50	1.800	2.250	2.500	2.000	1.600	1.500
62	2.200	2.650	2.900	2.400	2.000	1.900
80	2.800	3.250	3.500	3.000	2.600	2.500
92	3.200	3.650	3.900	3.400	3.000	2.900
104	3.600	4.050	4.300	3.800	3.400	3.300
160*	2.850	3.075	6.400	5.900	2.600	2.500

* = SEE OPPOSITE PAGE FOR 160 POSITION CONFIGURATION

PLUG: WGKVA 80 P SY
 RECEPTACLE: WGKA 80 S SY
 XXXXX XX XXX XX

PLUG

RECEPTACLE

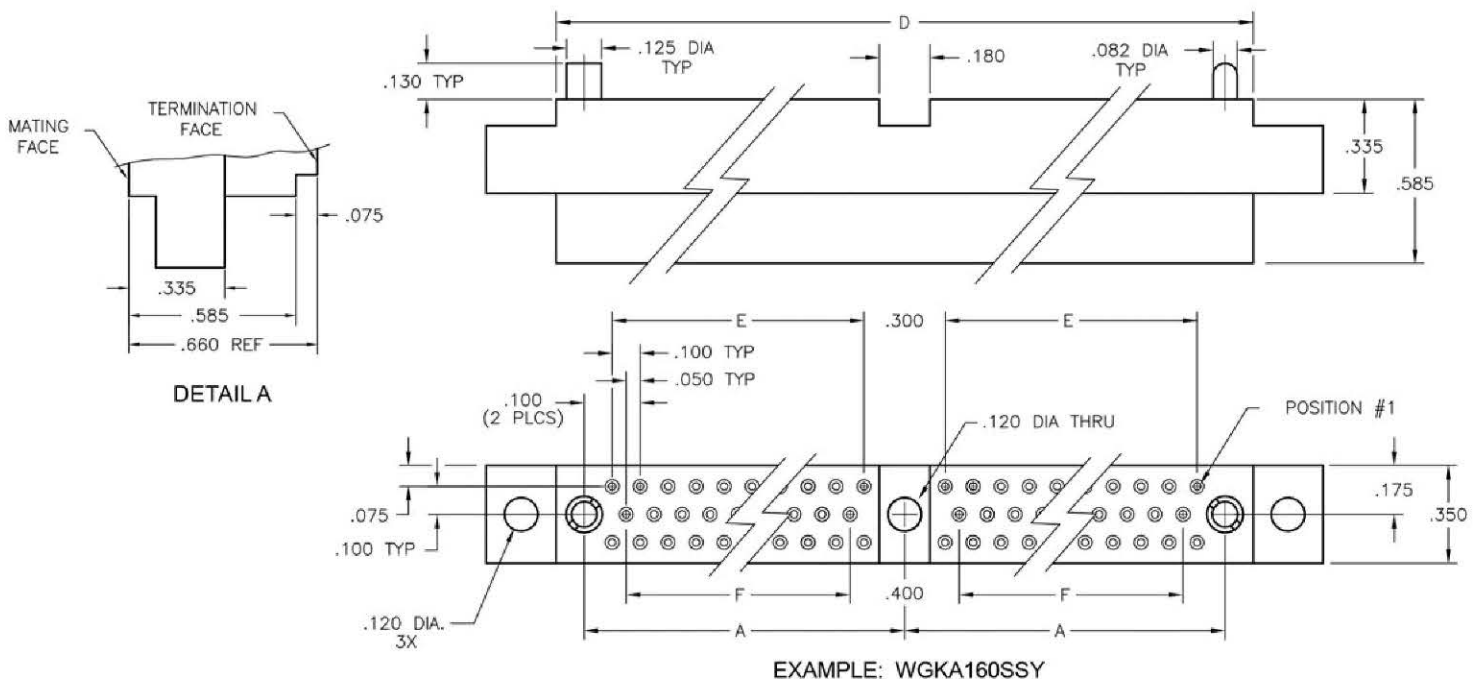
SERIES	
WGKVA Plug, straight, crimp removable, with mounting ears	WGKA Receptacle, straight, crimp removable, with mounting ears
WGKVA and WGKA also mate with WG or WGV connectors. "A" means contacts are included.	

SIZE	
XX Number of contacts (50, 62, 80, 92, 104 or 160)	XX Number of contacts (50, 62, 80, 92, 104 or 160)

CONTACTS	
- The use of gaskets is not recommended with crimp socket contacts. - When using crimp contacts with 20 gage barrel, barrel must be cut off prior to removing contact from connector body.	
TYPE CONTACTS/TERMINATIONS: P Pin, straight, crimp removable, 22 AWG S Socket, straight, crimp removable, 22 AWG SA Same as above	TYPE CONTACTS/TERMINATIONS: S Socket, straight, crimp removable, 22 AWG 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: WGDXA80SSY-C45. Call factory for additional codes.	
-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.	




```

      PLUG:  WG  80 PR9 SY
RECEPTACLE: WGDXA 80  S  SY
              XXXXX XX XXX XX

```

PLUG

RECEPTACLE

SERIES

WG	Plug, right angle, with mounting ears
----	---------------------------------------

WGDXA Receptacle, straight, crimp removable,
without mounting ears

- WGKA and WGDXA also mate with WGV connectors. "A" means contacts are included.

SIZE

XX Number of contacts (50, 62, 80, 92, 104 or 160)

XX Number of contacts (50, 62, 80, 92, 104 or 160)

CONTACTS

- The use of gaskets is not recommended with crimp socket contacts.
- The contact type determines the image of the connector. Pin, right angle contacts are always plug image. Straight pin or sockets are receptacle image.
- When using crimp contacts with 20 gage barrel, barrel must be cut off prior to removing contact from connector body.

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

PRW40 Pin, right angle, wire wrap[®], .625"

S Socket, straight, crimp removable, 22 AWG

SA Same as above

P Pin, straight, crimp removable, 22 AWG

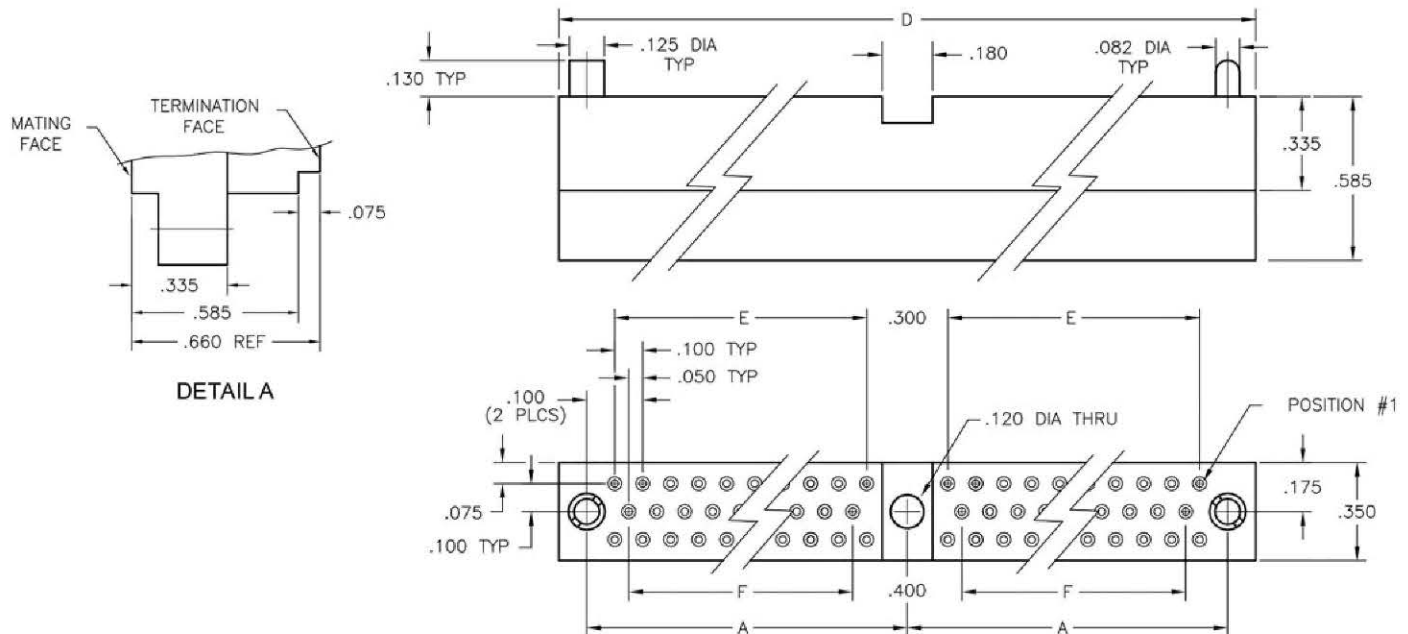
HARDWARE

SY	Guide set
SY-#	Guide set, polarized
J	Fixed jacket

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

OPTIONS

- Option Codes: Add to the end of the part number. Example: WGDXA80SSY-C45. Call factory for additional codes.
- 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.



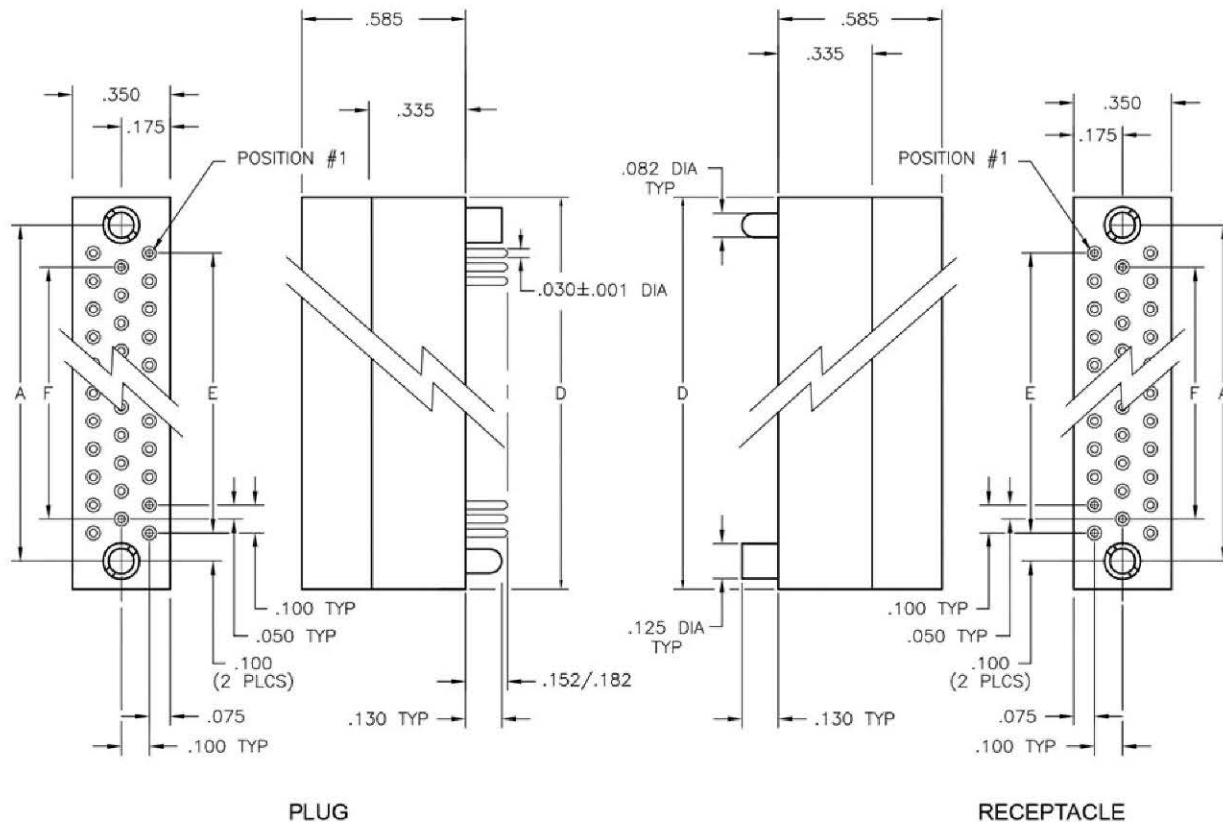
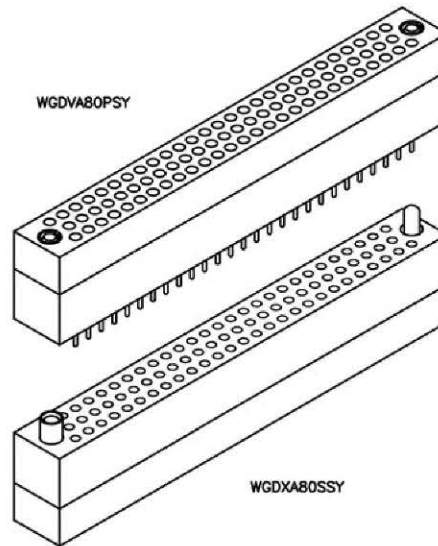
EXAMPLE: WGDXA160SSY

3 • ROW Chassis to Chassis

.100"

WGDVA - WGDXA

50 thru 160



DIMENSIONS				
SIZE	A	D	E	F
50	1.800	2.000	1.600	1.500
62	2.200	2.400	2.000	1.900
80	2.800	3.000	2.600	2.500
92	3.200	3.400	3.000	2.900
104	3.600	3.800	3.400	3.300
160*	2.850	5.900	2.600	2.500

* = SEE OPPOSITE PAGE FOR 160 POSITION CONFIGURATION

```

      PLUG: WGDVA 80  P  SY
RECEPTACLE: WGDXA 80  S  SY
              XXXXX XX  XXX  XX

```

RECEPTACLE

SERIES

WGDVA Plug, straight, crimp removable,
without mounting ears

WGDXA Receptacle, straight, crimp removable,
without mounting ears

- WGDVA and WGDXA also mate with WG or WGV connectors. "A" means contacts are included.

SIZE

XX Number of contacts (50, 62, 80, 92, 104 or 160)

XX Number of contacts (50, 62, 80, 92, 104 or 160)

CONTACTS

- The use of gaskets is not recommended with crimp socket contacts.
- When using crimp contacts with 20 gage barrel, barrel must be cut off prior to removing contact from connector body.

TYPE CONTACTS/Terminations:

P Pin, straight, crimp removable, 22 AWG

S Socket, straight , crimp removable, 22 AWG

SA Same as above

TYPE CONTACTS/TERMINATIONS:

S Socket, straight, crimp removable, 22 AWG

SA	Same as above
----	---------------

P Pin, straight, crimp removable, 22 AWG

HARDWARE

SY Guide set

SY-# Guide set, polarized

J Fixed jackset

JT Turning jackset, .500"

JTA Turning jackset, .200"

JTB Hex turning jackset, .200"

JTC Hex turning jackset, .500"

JTL Turning jackset, long, .700"

SY Guide set

SY-# Guide set, polarized

J	Fixed jackset
---	---------------

JT Turning jackset, .500"

JTA Turning jackset, .200"

JTB Hex turning jackset, .200"

JTC Hex turning jackset, .500"

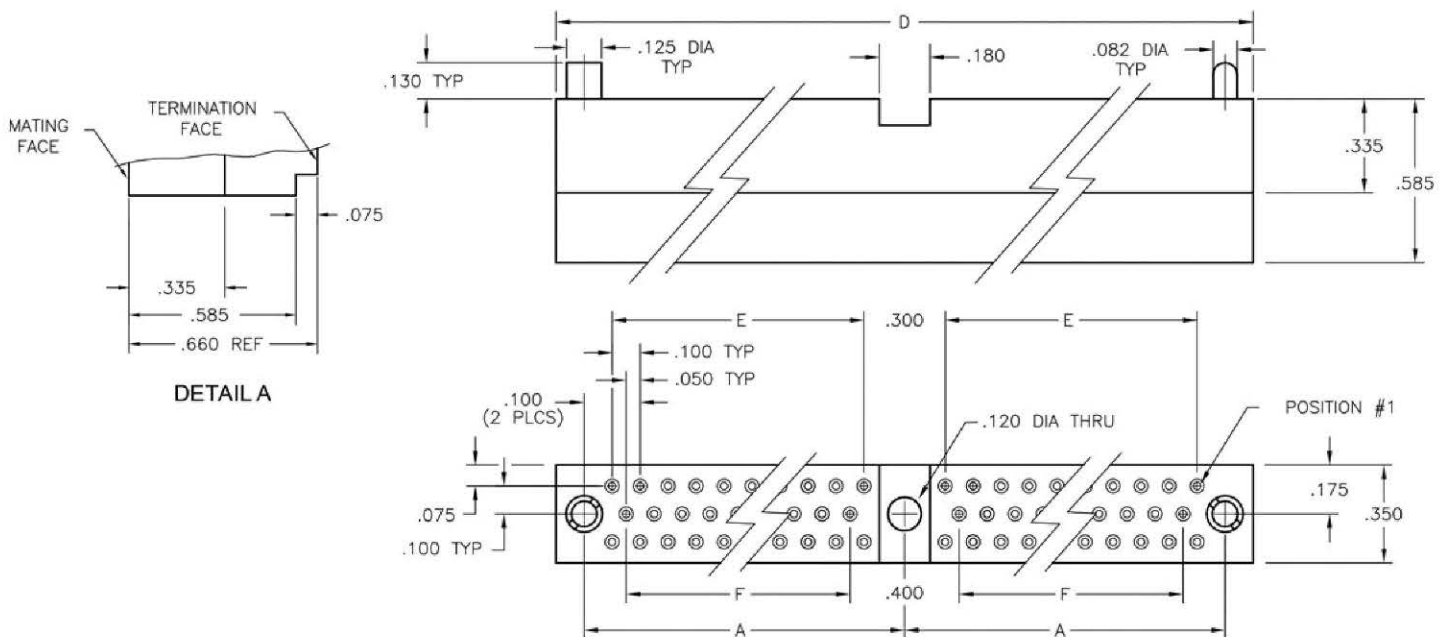
JTL Turning jackset, long, .700"

OPTIONS

- **Option Codes:** Add to the end of the part number. Example: WGDXA80SSY-C45. Call factory for additional codes.

-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.



EXAMPLE: WGDXA160SSY