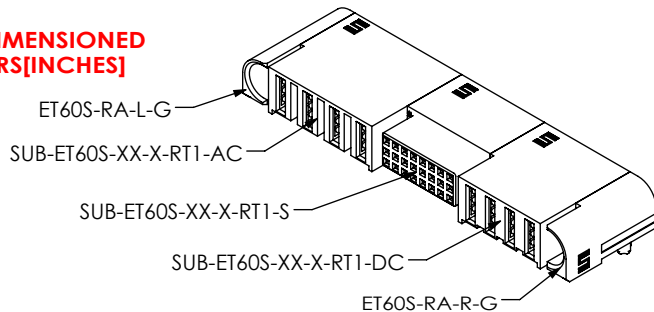


DESIGNED & DIMENSIONED  
IN MILLIMETERS [INCHES]

DO NOT  
SCALE FROM  
THIS PRINT



ET60S-XXX-X-XX-XXX-X-RX-X

POWER OPTION (RIGHT)

- AXX: AC POWER
- DXX: DC POWER (SEE NOTE 5)
- \*-SXX: SPLIT POWER
- 000: NO POWER (SEE NOTE 5)

ROWS

- 0: NO SIGNAL
- 3: 3 ROWS
- 5: 5 ROWS

SIGNAL POS PER ROW

- 00: NO SIGNAL
- XX: SEE NOTE 6

POWER OPTION (LEFT)

- AXX: AC POWER
- DXX: DC POWER (SEE NOTE 5)
- \*-SXX: SPLIT POWER
- 000: NO POWER (SEE NOTE 5)

GUIDE POST  
(MUST CHOOSE ONE)  
\*\* -T: TOP  
-S: SIDE

TAIL

- R1: FOR .062" PCB
- \*-R2: FOR .093" PCB
- RP: PRESS FIT (SIGNAL ROWS MUST BE -5)

PLATING SPECIFICATION

- L: 10 μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- S: 30 μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

(\* = NOT TOOLED)  
(\*\* = NOT RELEASED)

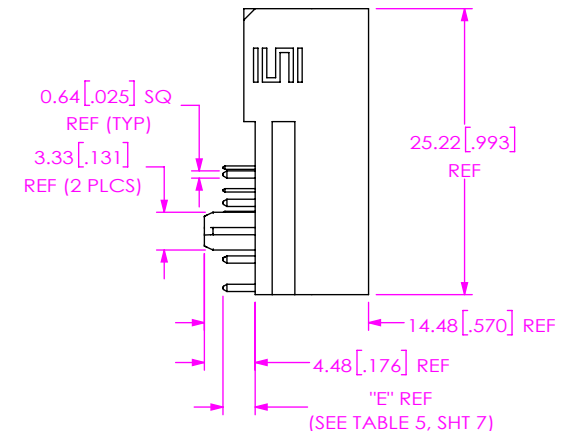
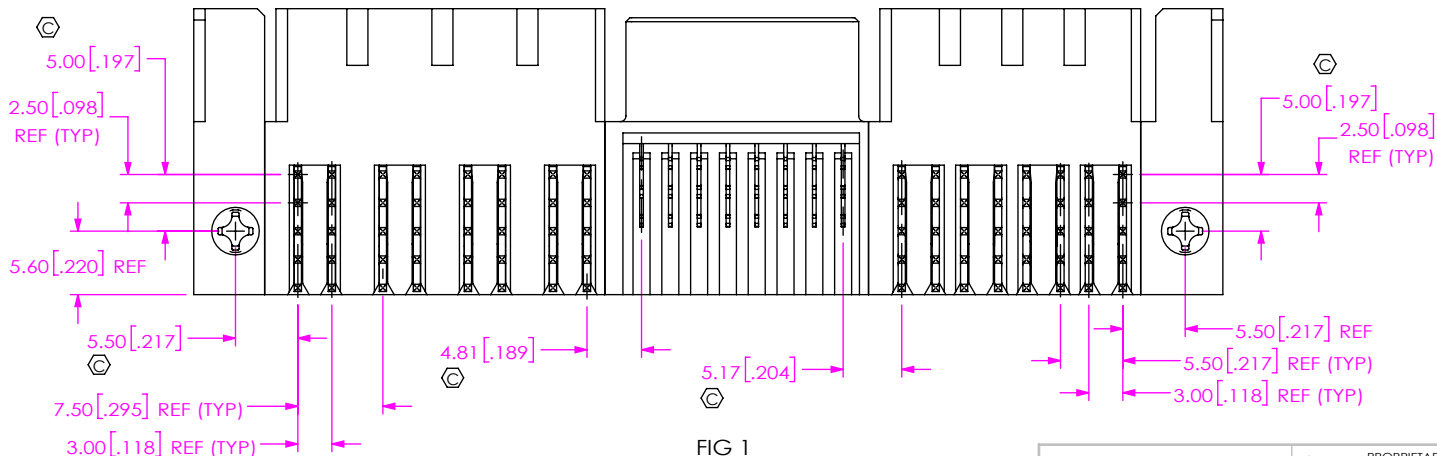
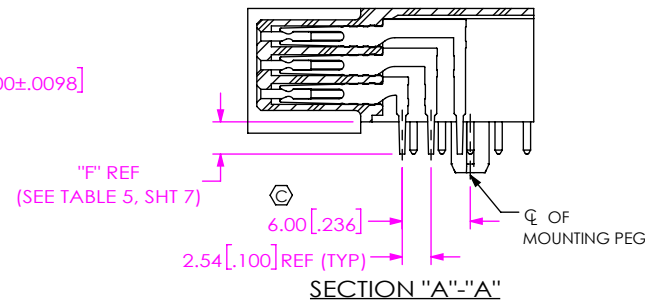
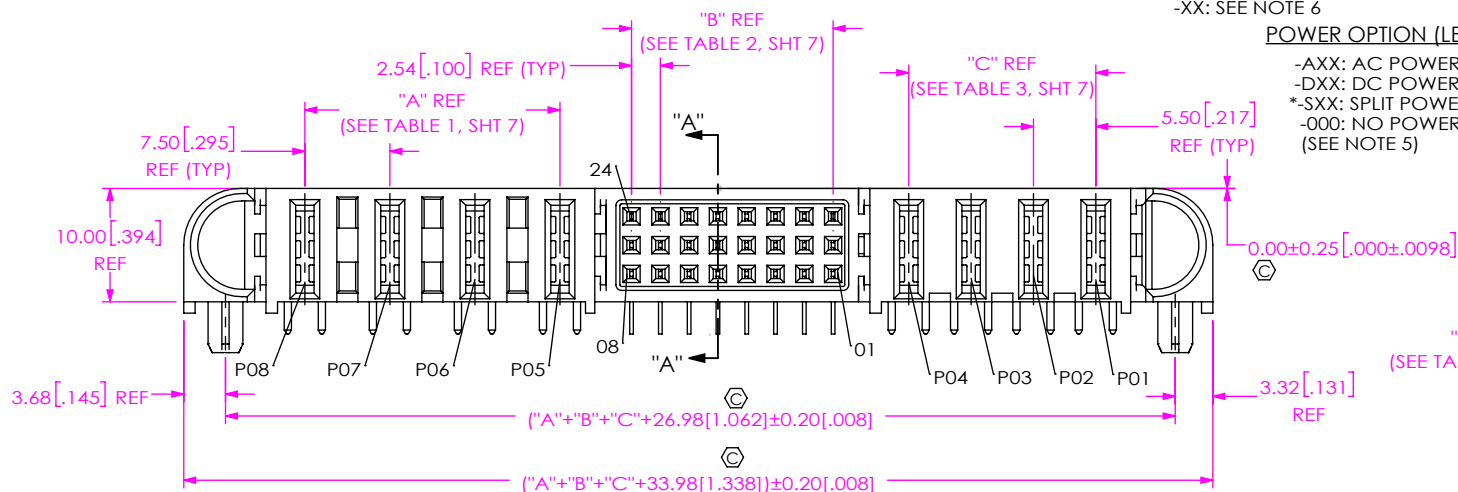


FIG 1  
ET60S-D04-3-08-A04-X-R1-S SHOWN

NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: 3.0 LBS FOR SIGNAL & POWER PINS.
3. SEE PRODUCT SPECIFICATION FOR CONNECTOR PRESS FIT INSTRUCTIONS AND REQUIRED FIXTURES.
4. ASSEMBLIES TO BE PACKAGED IN TRAYS.
5. -AC POWER: \*-01, -02, -03, -04, -05, -06;  
-DC POWER: \*-01, -02, -03, -04, -05, -06, -07, -08, -09, -10.  
(\* = NOT TOOLED)
6. -3 ROWS: \*-02, \*-04, \*-06, -08, \*-10, \*-12.  
-5 ROWS: -01, -02, -03, -04, -05, -06, -07, -08.  
(\* = NOT TOOLED)
7. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN MILLIMETERS.  
TOLERANCES ARE:  
DECIMALS ANGLES  
X.X: ±0.3 [01]  
X.XX: ±0.13 [005]  
X.XXX: ±0.051 [0020]

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 3:2  
INSULATOR: LCP, COLOR: BLACK  
SIGNAL TERMINAL: COPPER ALLOY  
POWER TERMINAL: COPPER ALLOY  
F:\DWG\MISC\MKTG\ET60S-XXX-X-XX-XXX-X-RX-X-MKT.SLDDRW

**samtec**  
520 PARK EAST BLVD. NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:  
ET60 RA POWER/ SIGNAL SOCKET  
DWG. NO.  
ET60S-XXX-X-XX-XXX-X-RX-X  
BY: JOE Z 07/28/2016 SHEET 1 OF 9

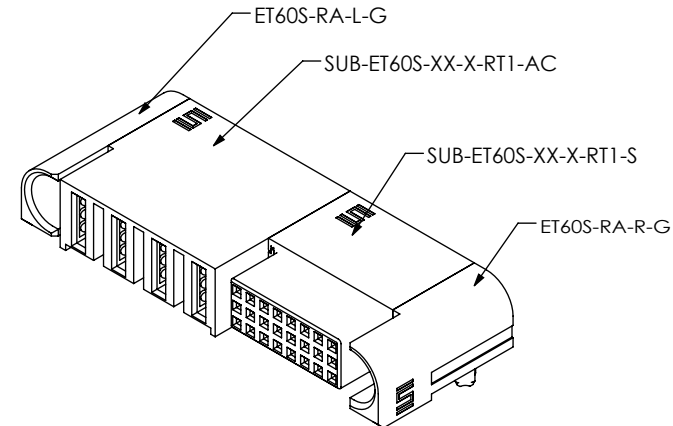
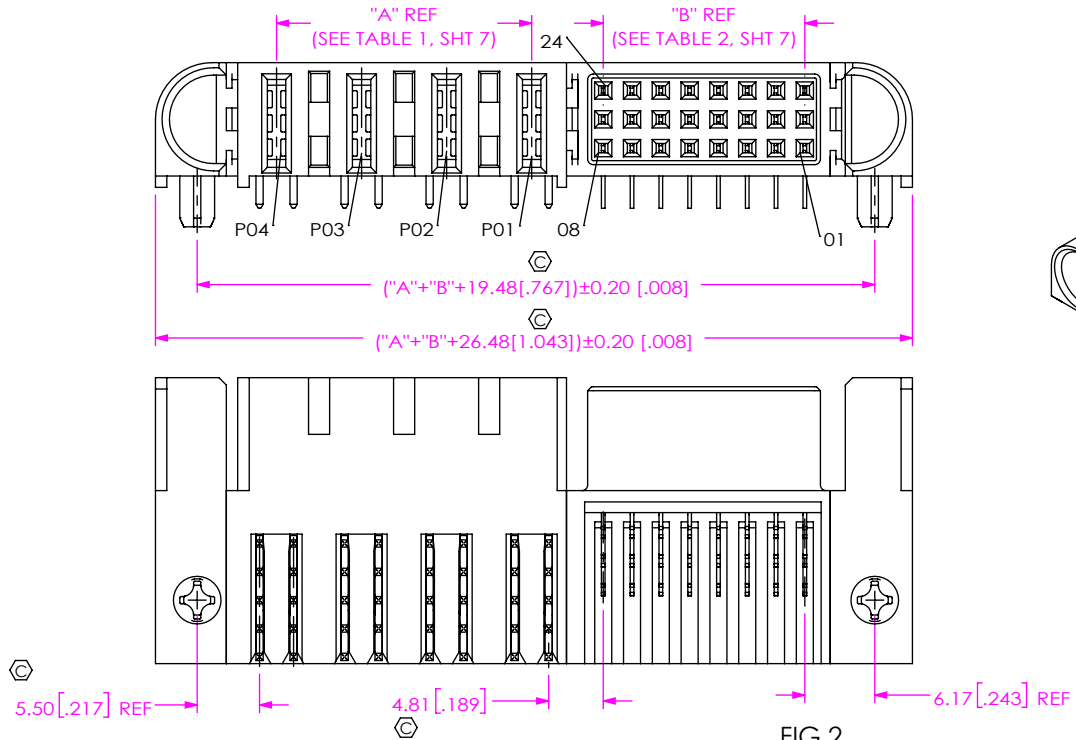


FIG 2  
ET60S-000-3-08-A04-X-R1-S SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

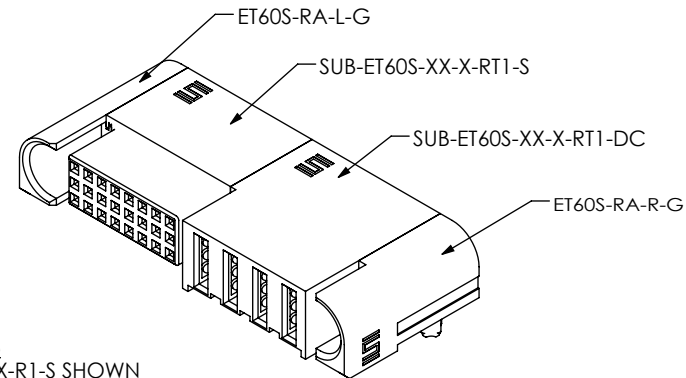
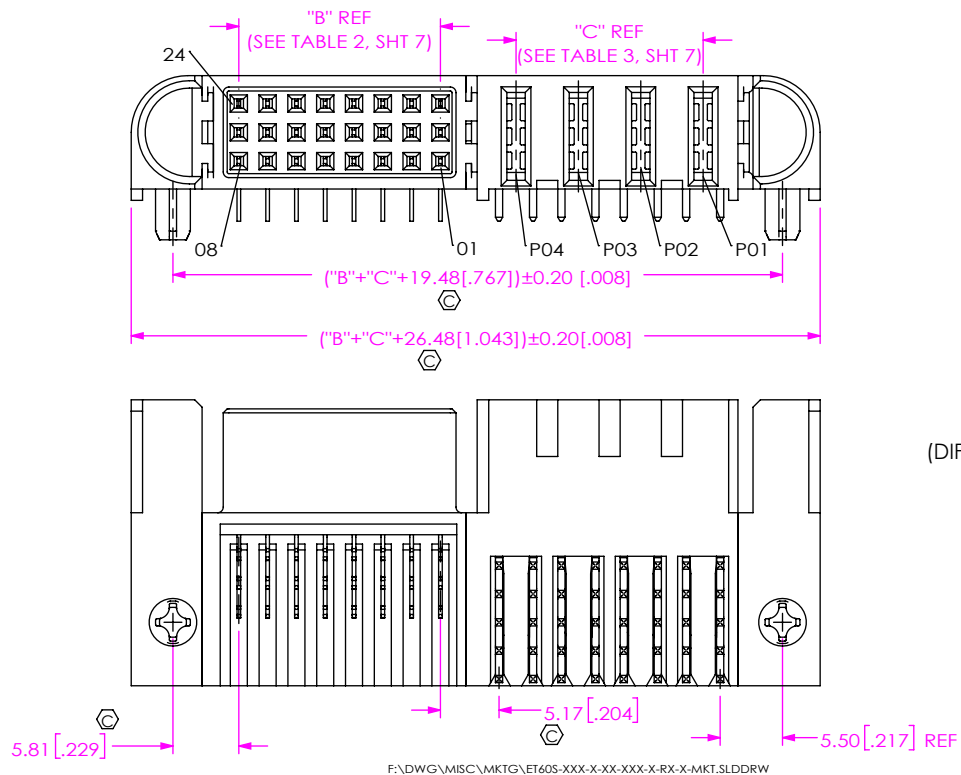


FIG 3  
ET60S-D04-3-08-000-X-R1-S SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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SHEET SCALE: 2:1



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PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:  
ET60 RA POWER/ SIGNAL SOCKET

DWG. NO.  
ET60S-XXX-X-XX-XXX-X-RX-X

BY: JOE Z 07/28/2016 SHEET 2 OF 9

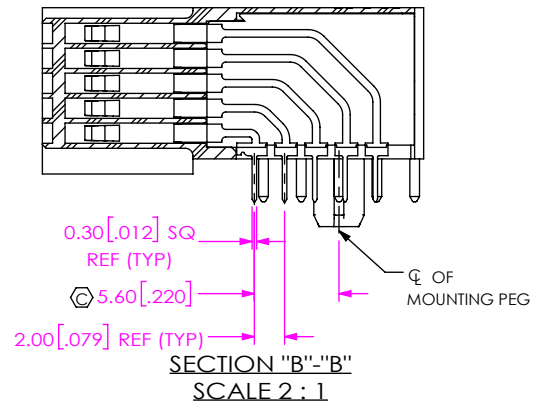
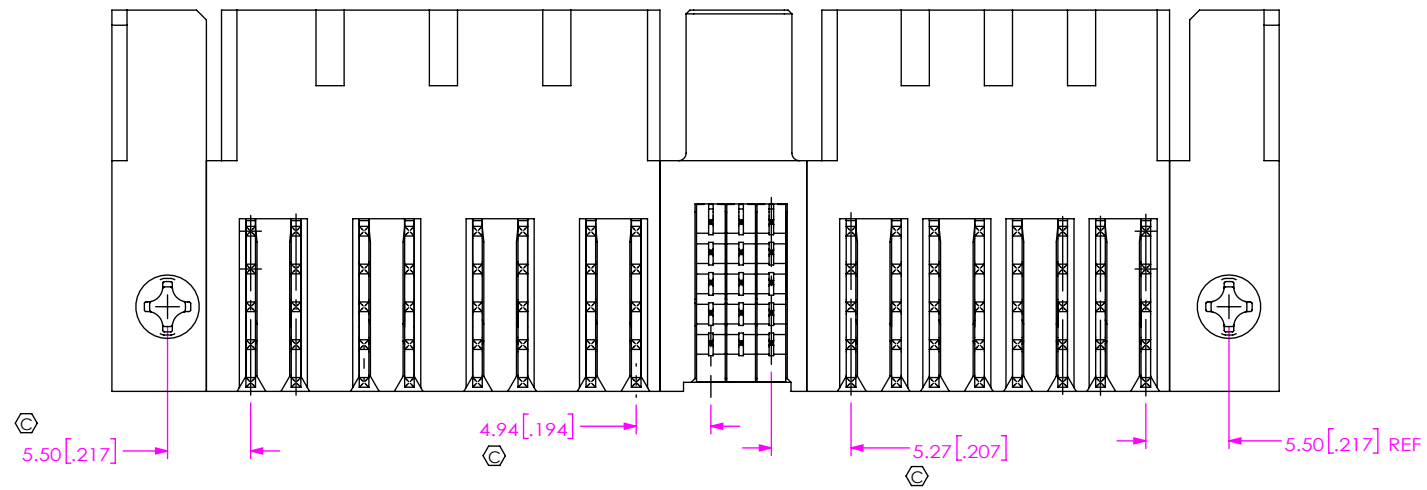
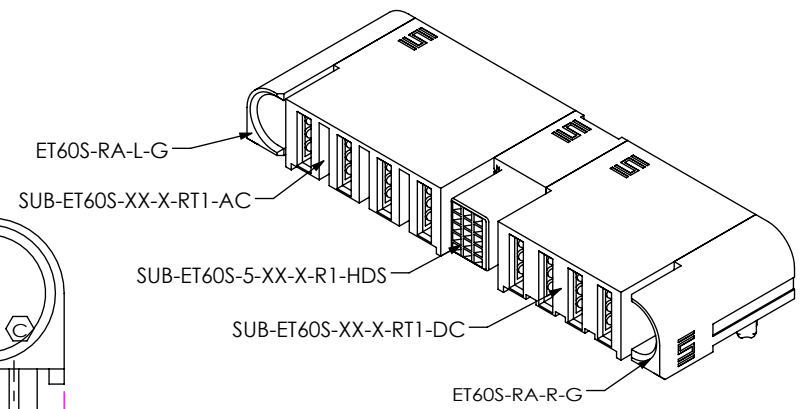
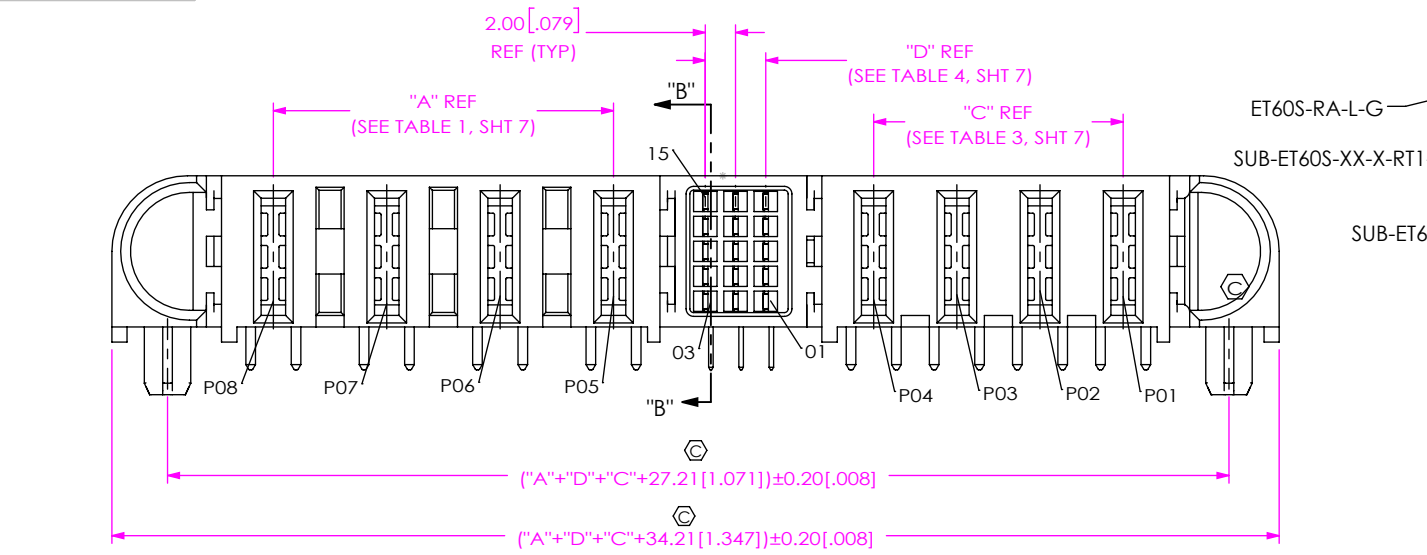


FIG 4  
ET60S-D04-5-03-A04-X-R1-S SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail info@SAMTEC.com code 55322

SHEET SCALE: 3:2

DESCRIPTION:  
ET60 RA POWER/ SIGNAL SOCKET

DWG. NO.  
ET60S-XXX-X-XX-XXX-X-RX-X

BY: JOE Z 07/28/2016 SHEET 3 OF 9

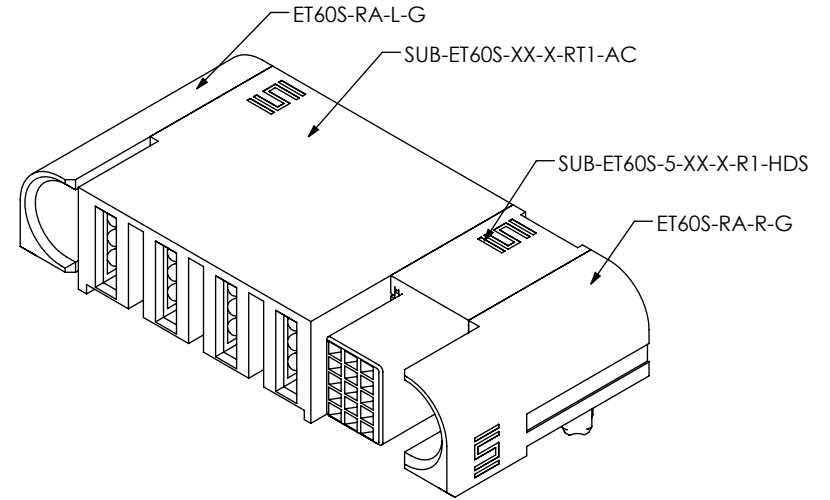
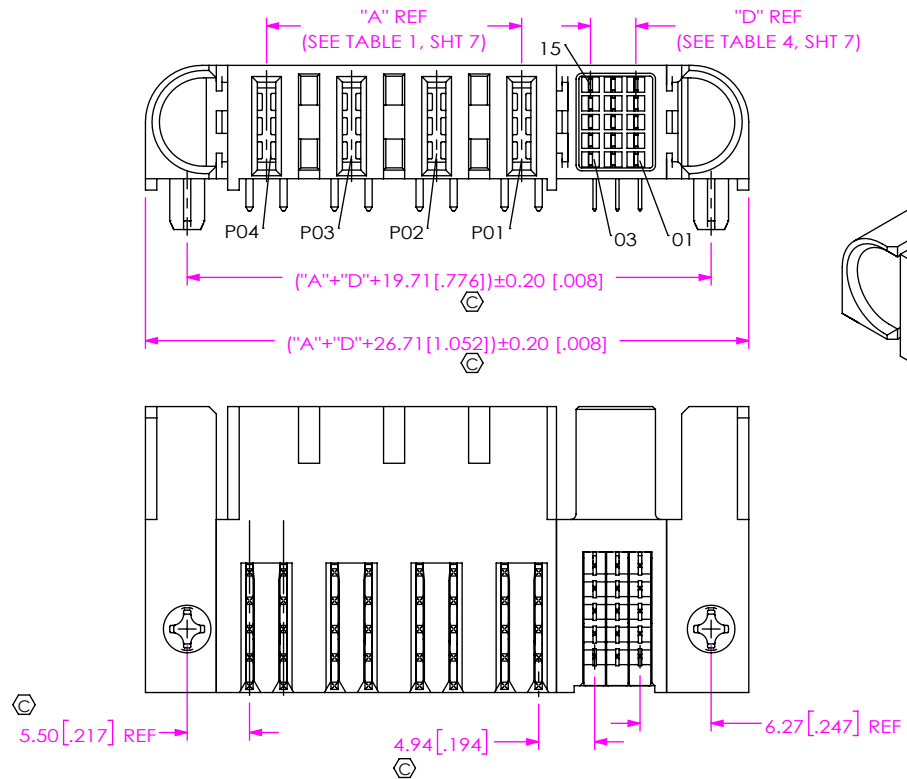


FIG 5  
ET60S-000-5-03-A04-X-R1-S SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

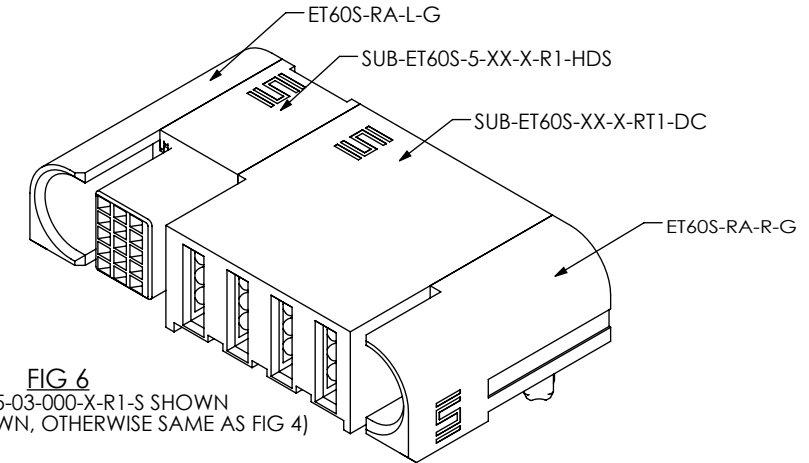
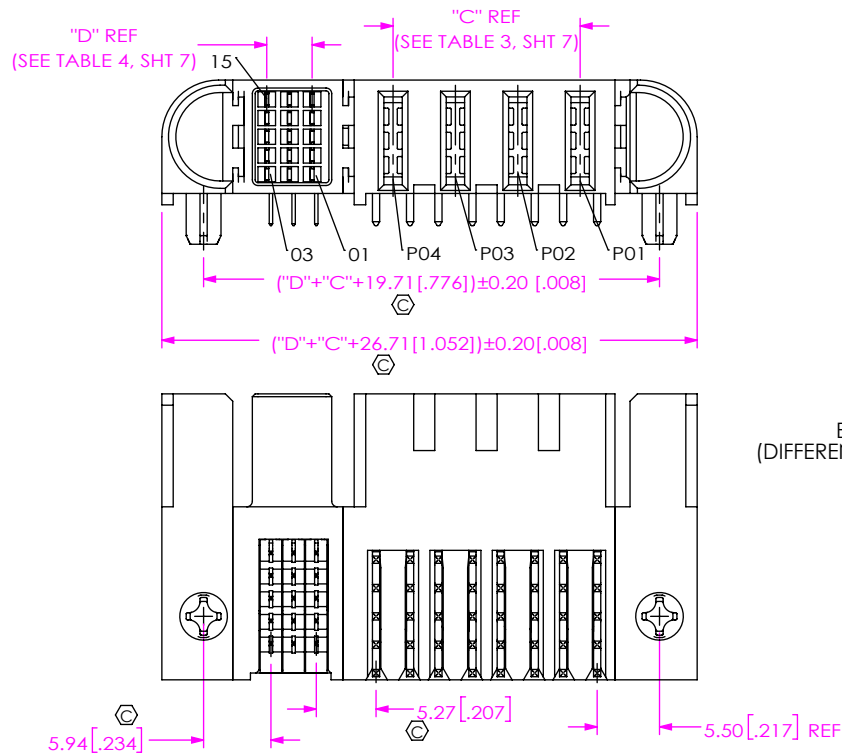


FIG 6  
ET60S-D04-5-03-000-X-R1-S SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

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SHEET SCALE: 2:1

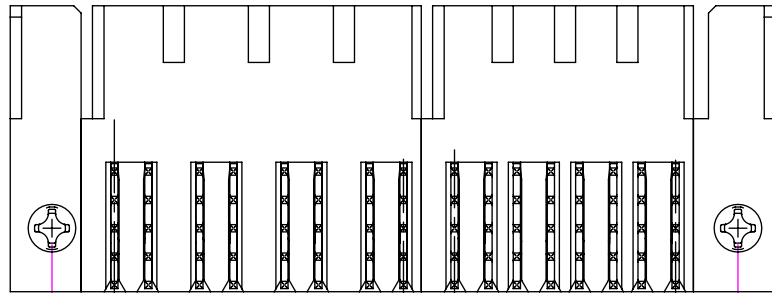
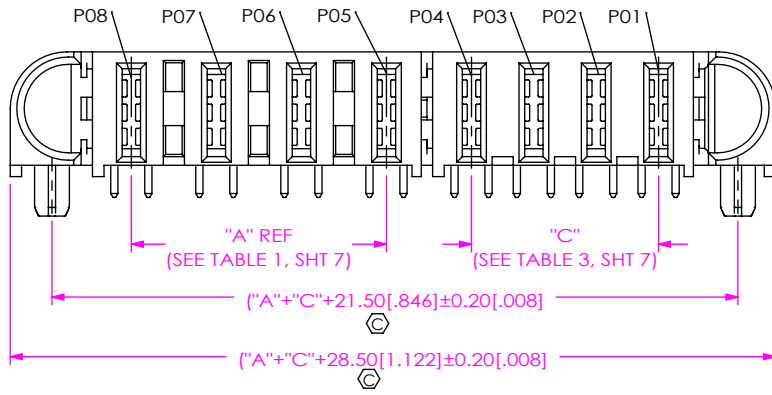


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e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:  
ET60S RA POWER/ SIGNAL SOCKET

DWG. NO.  
ET60S-XXX-X-XX-XXX-X-RX-X

BY: JOE Z 07/28/2016 SHEET 4 OF 9



5.50[.217] REF  
4.50[.177]  
5.50[.217] REF

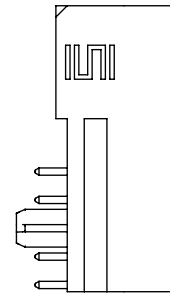
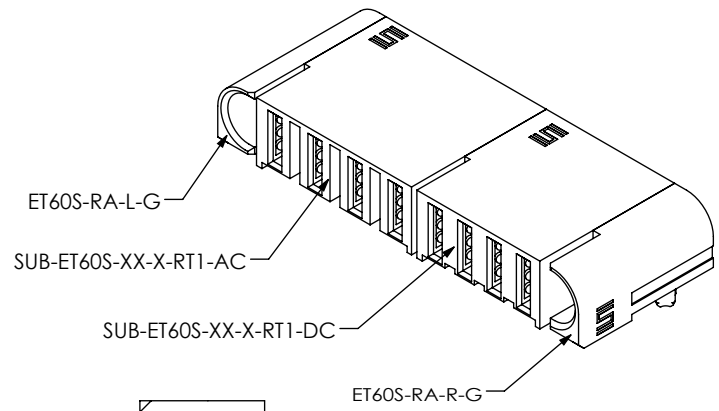
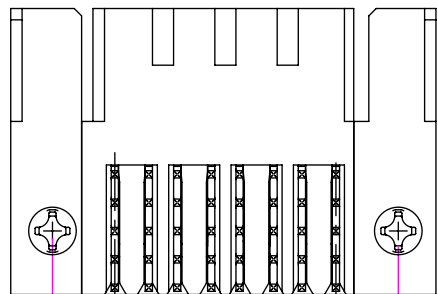
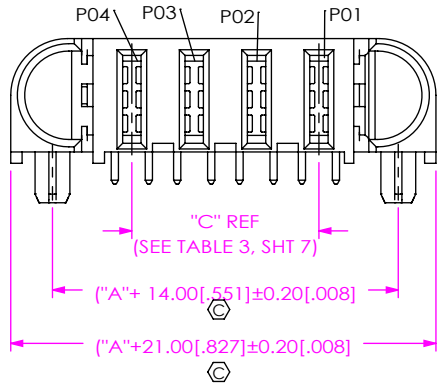


FIG 7  
ET60S-D04-0-00-A04-X-R1-S SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



5.50[.217] REF  
5.50[.217] REF

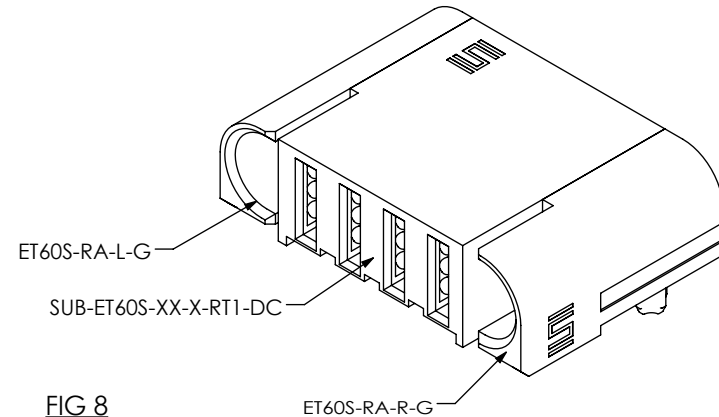


FIG 8  
ET60S-D04-0-00-000-X-R1-S SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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SHEET SCALE: 3:2

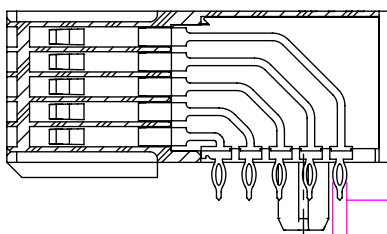
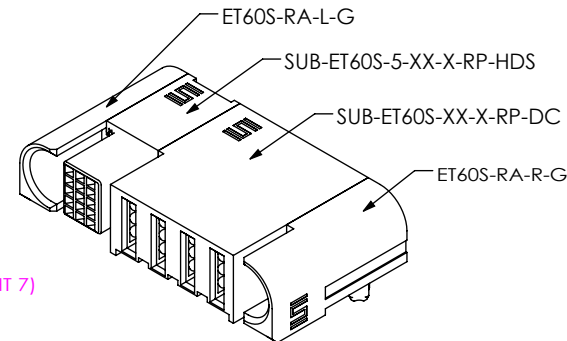
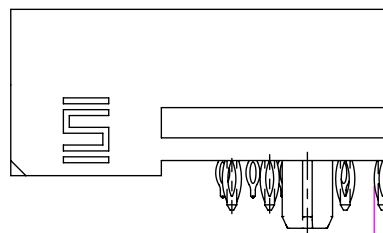
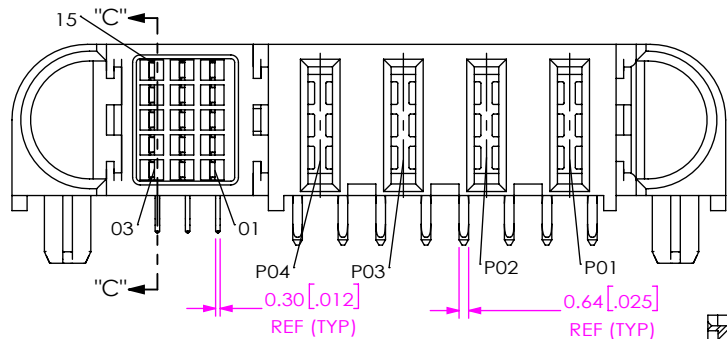


520 PARK EAST BLVD, NEW ALBANY, IN 47150  
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e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:  
ET60 RA POWER/ SIGNAL SOCKET

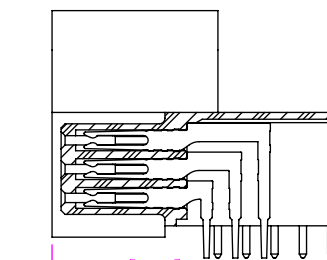
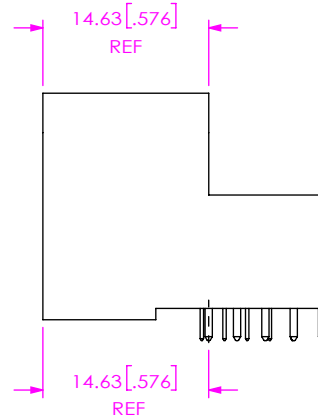
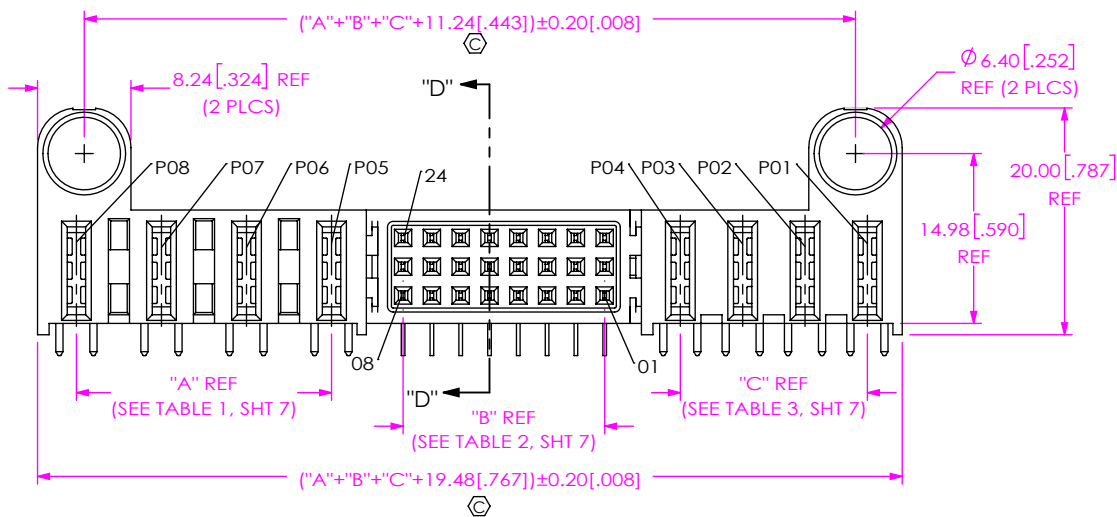
DWG. NO.  
ET60S-XXX-X-XX-XXX-X-RX-X

BY: JOE Z 07/28/2016 SHEET 5 OF 9



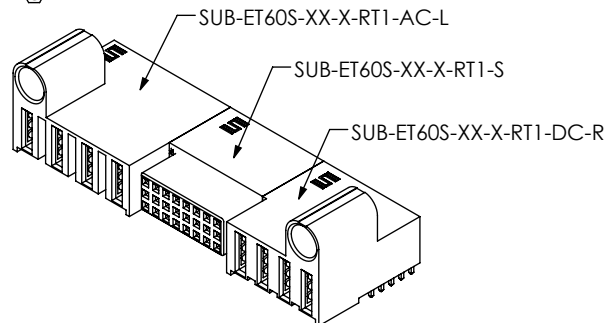
SECTION "C"-"C"  
SCALE 2:1

FIG 9  
ET60S-D04-5-03-000-X-RP-S SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)



SECTION "D"-"D"

FIG 10  
ET60S-D04-3-08-A04-X-R1-T SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



F:\DWG\MISC\MKTG\ET60S-XXX-X-XX-XXX-X-RX-X-MKT.SLDDRW

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SHEET SCALE: 3:2



520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:  
ET60S RA POWER/ SIGNAL SOCKET

DWG. NO.  
ET60S-XXX-X-XX-XXX-X-RX-X

BY: JOE Z 07/28/2016 SHEET 6 OF 9

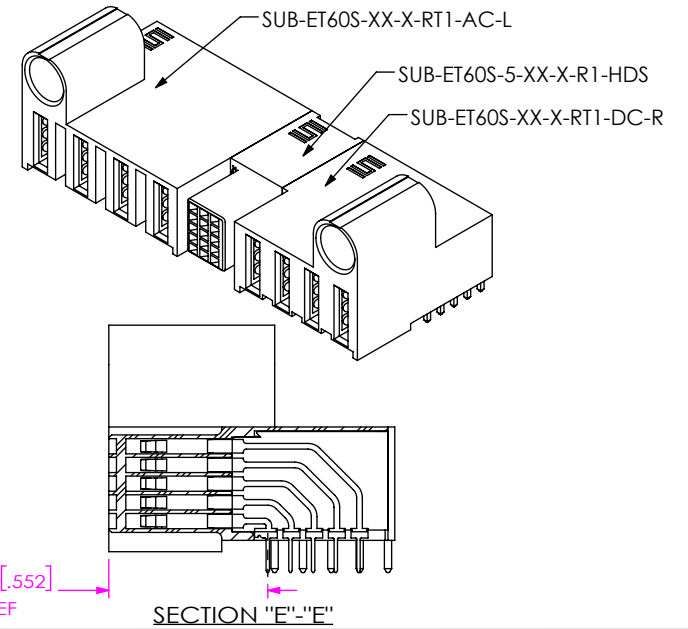
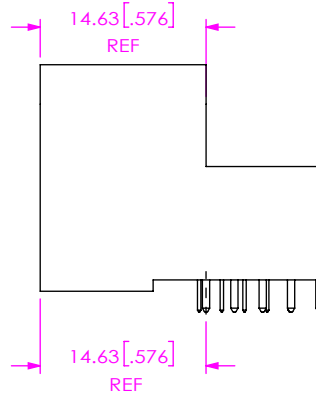
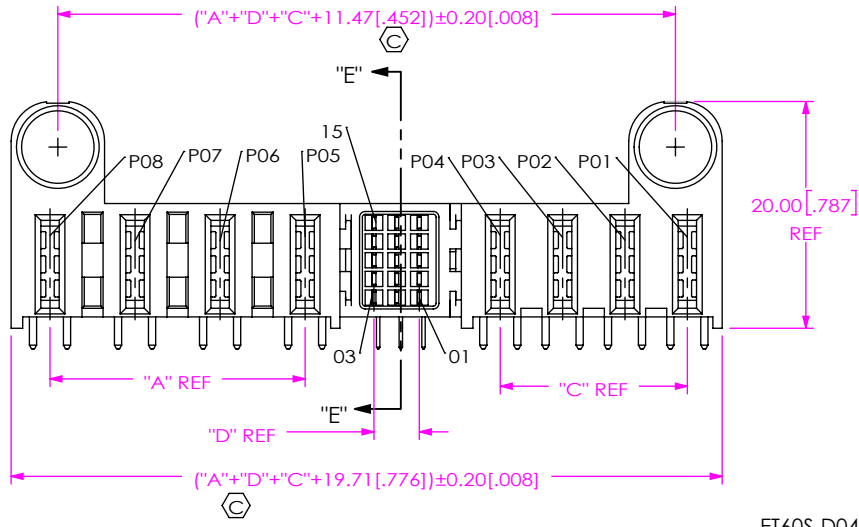


FIG 11  
ET60S-D04-5-03-A04-X-R1-T SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

TABLE 1 (SEE NOTE 5)		
POWER POS (LEFT)	"A"	
	DC POWER	AC POWER
-01	N/A	N/A
-02	5.50 [.217]	7.50 [.295]
-03	11.00 [.433]	15.00 [.591]
-04	16.50 [.650]	22.50 [.886]
-05	22.00 [.866]	30.00 [1.181]
-06	27.50 [1.083]	37.50 [1.476]
-07	33.00 [1.299]	/
-08	38.50 [1.516]	/
-09	44.00 [1.732]	/
-10	49.50 [1.949]	/

TABLE 2 (SEE NOTE 6)	
SIGNAL POS (-3 ROWS)	"B"
-02	2.54 [.100]
-04	7.62 [.300]
-06	12.70 [.500]
-08	17.78 [.700]
-10	22.86 [.900]
-12	27.94 [1.100]

TABLE 3 (SEE NOTE 5)		
POWER POS (RIGHT)	"C"	
	DC POWER	AC POWER
-01	N/A	N/A
-02	5.50 [.217]	7.50 [.295]
-03	11.00 [.433]	15.00 [.591]
-04	16.50 [.650]	22.50 [.886]
-05	22.00 [.866]	30.00 [1.181]
-06	27.50 [1.083]	37.50 [1.476]
-07	33.00 [1.299]	/
-08	38.50 [1.516]	/
-09	44.00 [1.732]	/
-10	49.50 [1.949]	/

TABLE 4 (SEE NOTE 6)	
SIGNAL POS (-5 ROWS)	"D"
-01	N/A
-02	2.00 [.079]
-03	4.00 [.157]
-04	6.00 [.236]
-05	8.00 [.315]
-06	10.00 [.394]
-07	12.00 [.472]
-08	14.00 [.551]

TABLE 5		
TAIL	"E"	"F"
-R1	2.84 [.112]	2.84 [.112]
-R2	3.61 [.142]	3.41 [.134]
-RP	3.28 [.129]	2.50 [.098]

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	SHEET SCALE: 3:2	
	DESCRIPTION: ET60 RA POWER/ SIGNAL SOCKET DWG. NO. ET60S-XXX-X-XX-XXX-X-RX-X BY: JOE Z      07/28/2016      SHEET 7 OF 9	

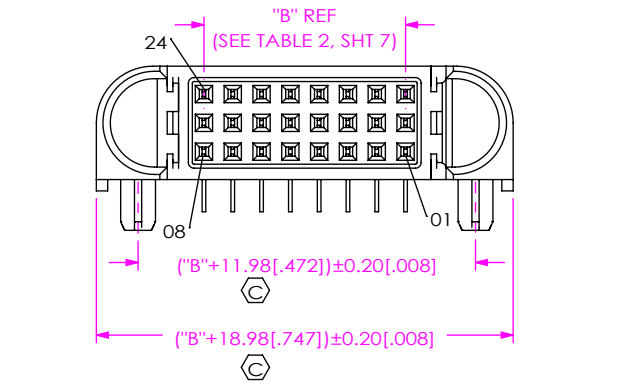


FIG 12  
ET60S-000-3-08-000-X-R1-S SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

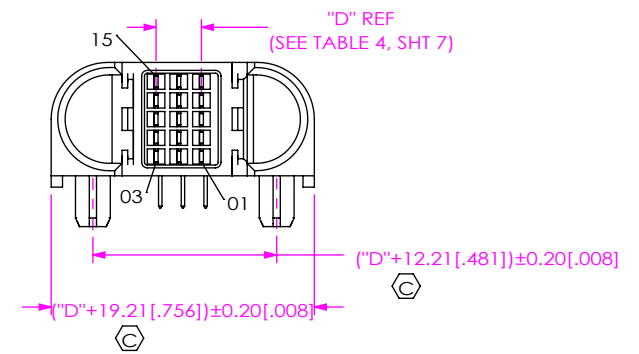


FIG 13  
ET60S-000-5-03-000-X-R1-S SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

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SHEET SCALE: 3:2



520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail info@SAMTEC.com code 55322

DESCRIPTION:  
ET60 RA POWER/ SIGNAL SOCKET

DWG. NO.  
ET60S-XXX-X-XX-XXX-X-RX-X

BY: JOE Z 07/28/2016 SHEET 8 OF 9



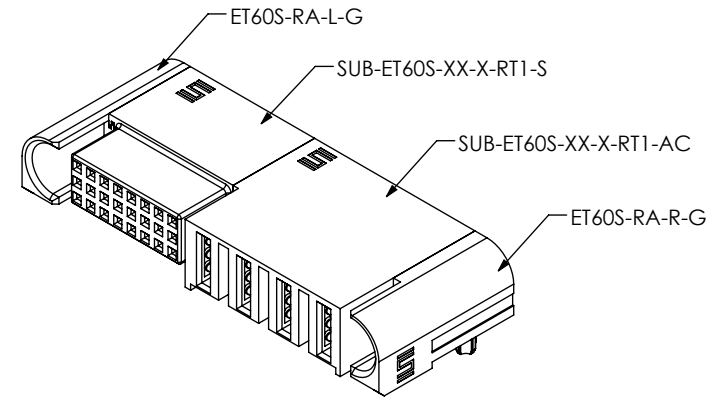
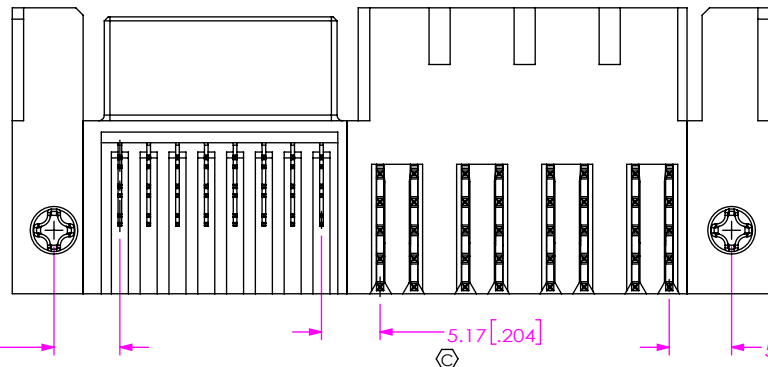
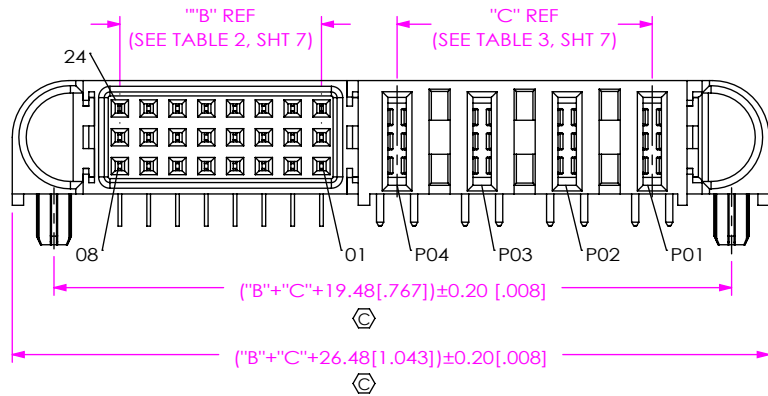


FIG 14  
ET60S-A04-3-08-000-X-R1-S SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

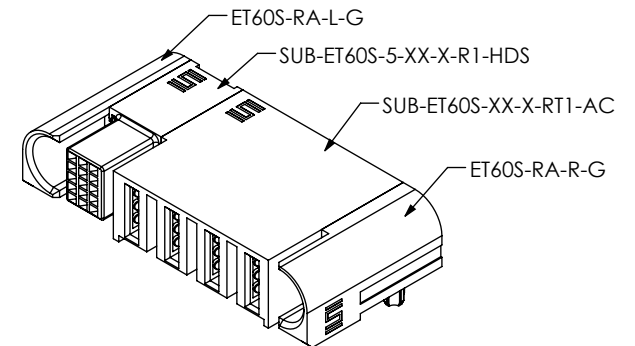
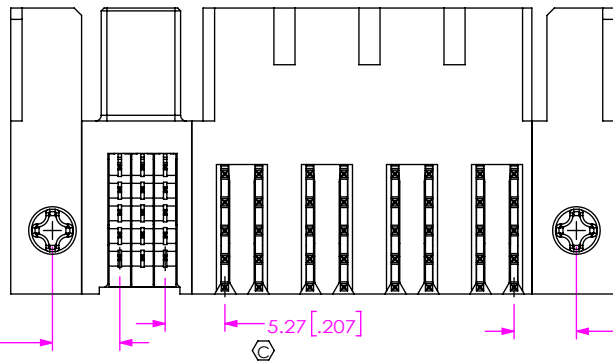
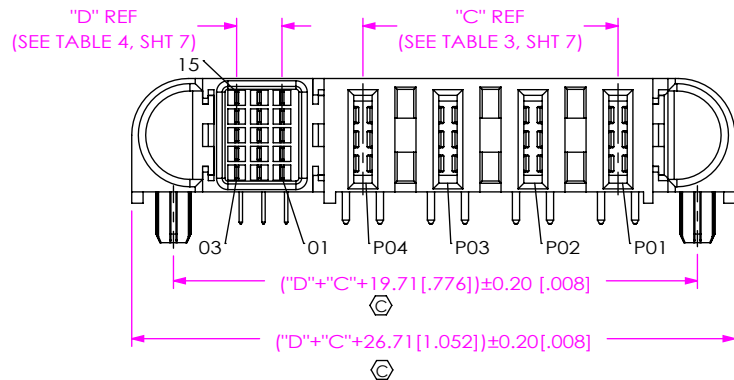


FIG 15  
ET60S-A04-5-03-000-X-R1-S SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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SHEET SCALE: 1:5:1

DESCRIPTION:  
ET60 RA POWER/ SIGNAL SOCKET  
DWG. NO.  
ET60S-XXX-X-XX-XXX-X-RX-X  
BY: JOE Z 07/28/2016 SHEET 9 OF 9