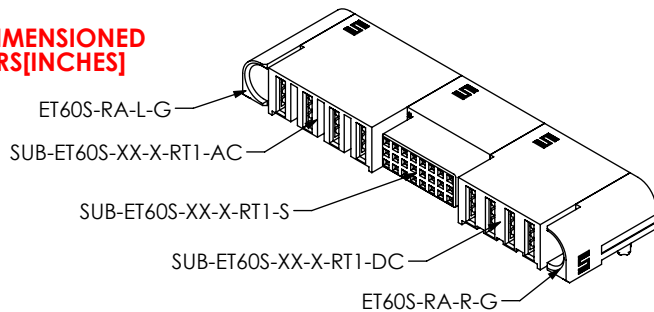


DESIGNED & DIMENSIONED
IN MILLIMETERS[INCHES]

DO NOT
SCALE FROM
THIS PRINT



POWER OPTION (RIGHT)
-AXX: AC POWER
-DXX: DC POWER (SEE NOTE 5)
*SXX: SPLIT POWER
-000: NO POWER
(SEE SHEET 7 FOR TABLES FOR AVAILABILITIES)

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 SHEET 7 FOR TABLES FOR AVAILABILITIES)

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 (NOT AVAILABLE FOR 5 ROWS)
-S: 30 μ " SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
(* = NOT TOOLED)
(** = NOT RELEASED)

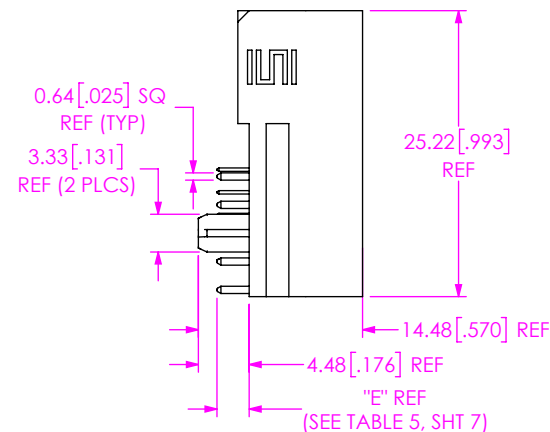
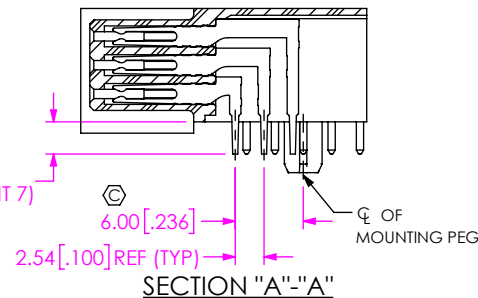
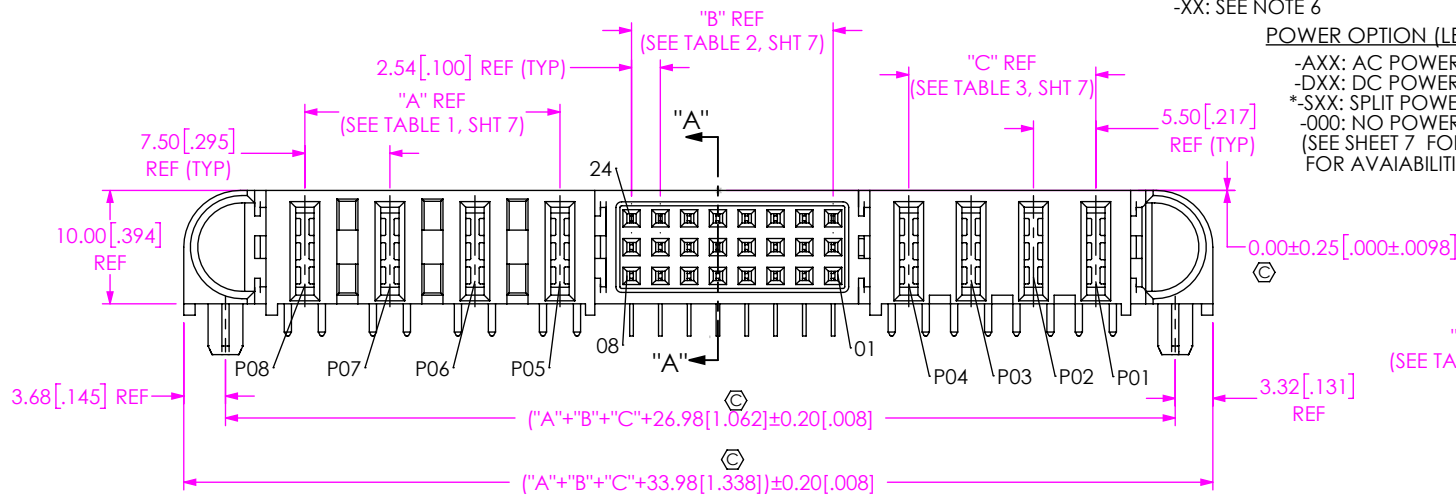


FIG 1
ET60S-D04-3-08-A04-X-R1-S SHOWN

- NOTES:
- ⊕ REPRESENTS A CRITICAL DIMENSION.
 - MINIMUM PUSHOUT FORCE: 3.0 LBS FOR SIGNAL & POWER PINS.
 - SEE PRODUCT SPECIFICATION FOR CONNECTOR PRESS FIT INSTRUCTIONS AND REQUIRED FIXTURES.
 - ASSEMBLIES TO BE PACKAGED IN TRAYS.
 - AC POWER: *-01, -02, -03, -04, -05, -06;
-DC POWER: *-01, -02, -03, -04, -05, -06, -07, -08, -09, -10.
(* = NOT TOOLED)
 - 3 ROWS: *-02, *-04, *-06, -08, *-10, *-12.
-5 ROWS: -01, -02, -03, -04, -05, -06, -07, -08.
(* = NOT TOOLED)

c:\enterprise\dwg\misc\mktg\ET60S-XXX-X-XX-XXX-X-RX-X-MKT.SLDDRW

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]

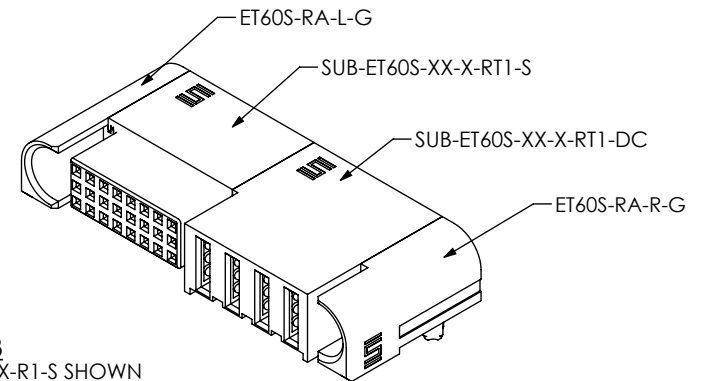
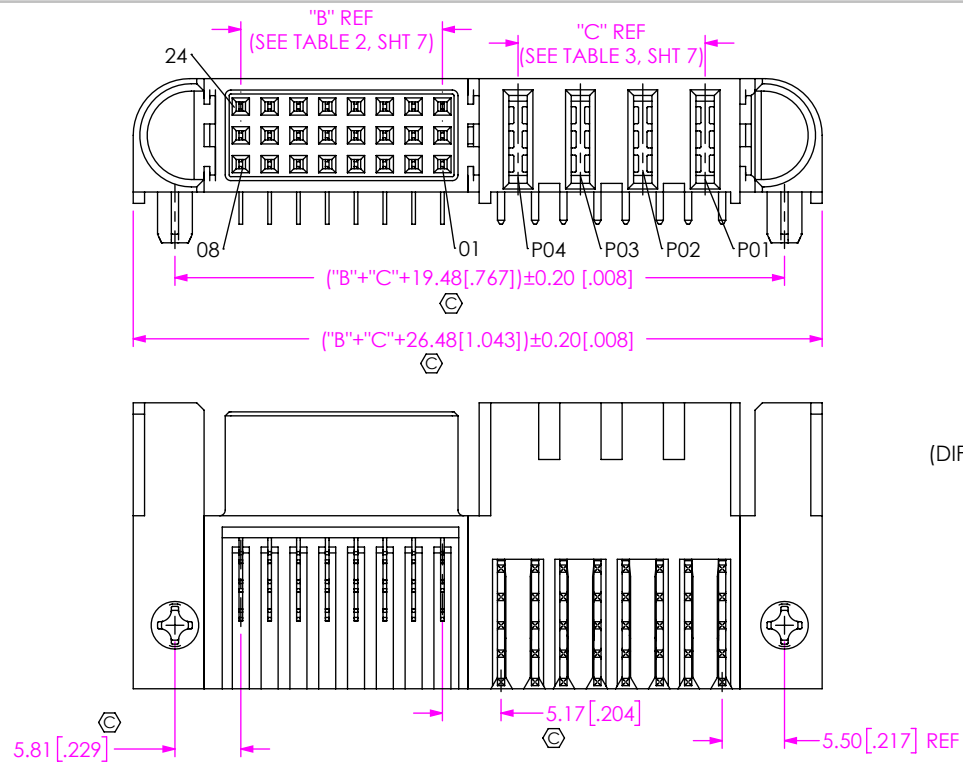
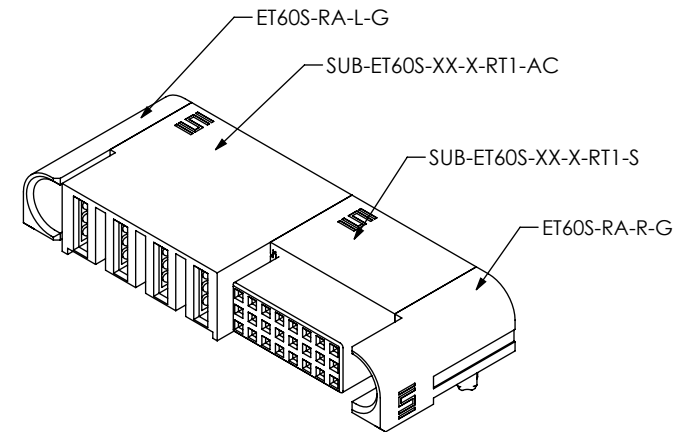
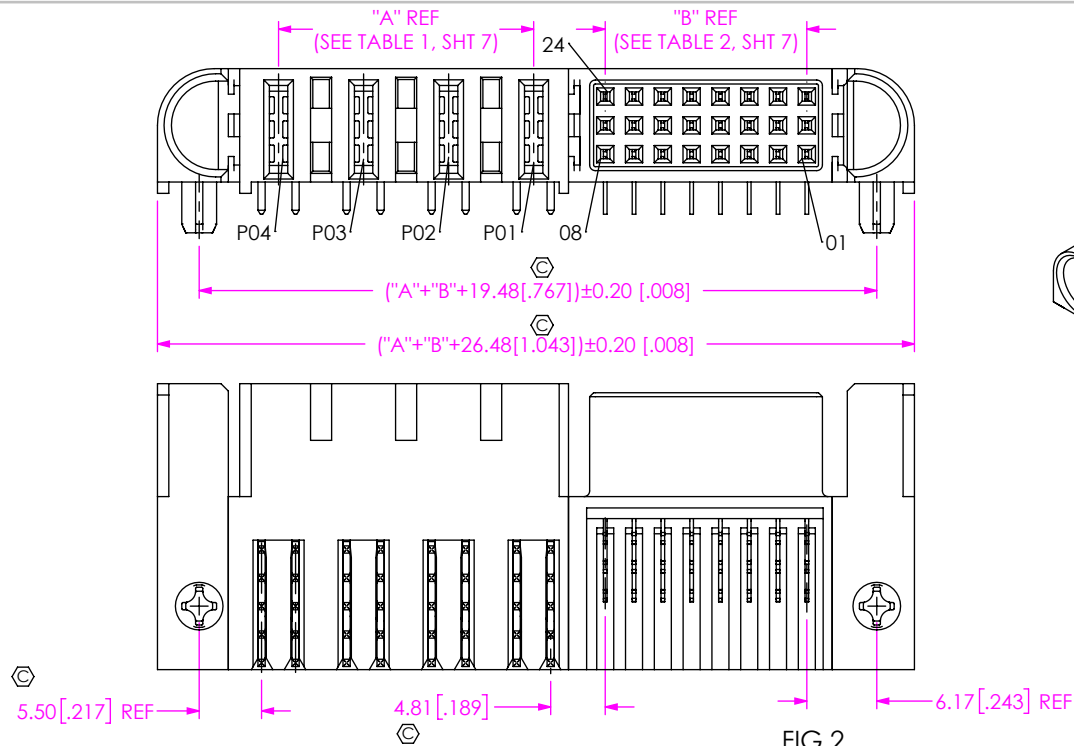
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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 3:2
INSULATOR: LCP, COLOR: BLACK
SIGNAL TERMINAL: COPPER ALLOY
POWER TERMINAL: COPPER ALLOY

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



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SHEET SCALE: 2:1

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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 2 OF 9

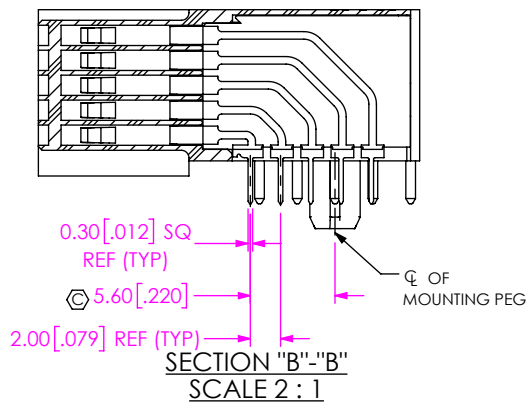
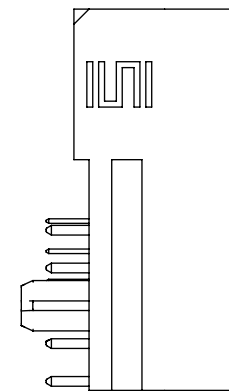
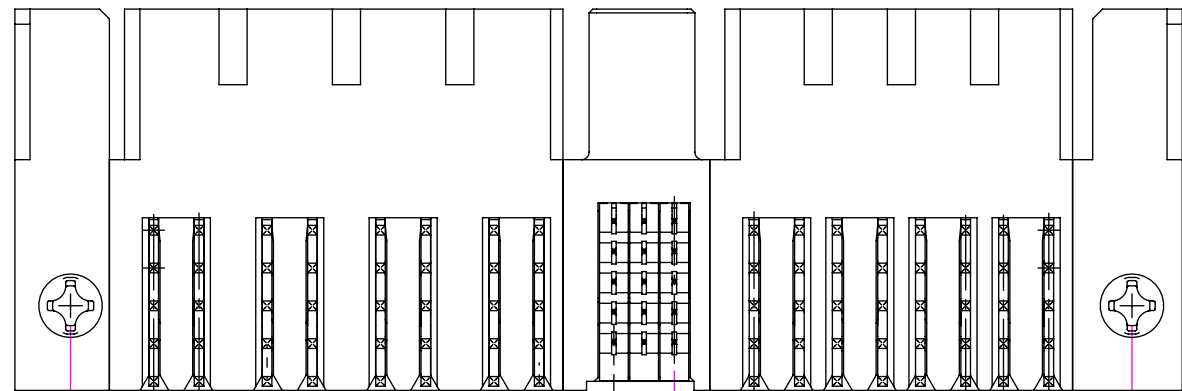
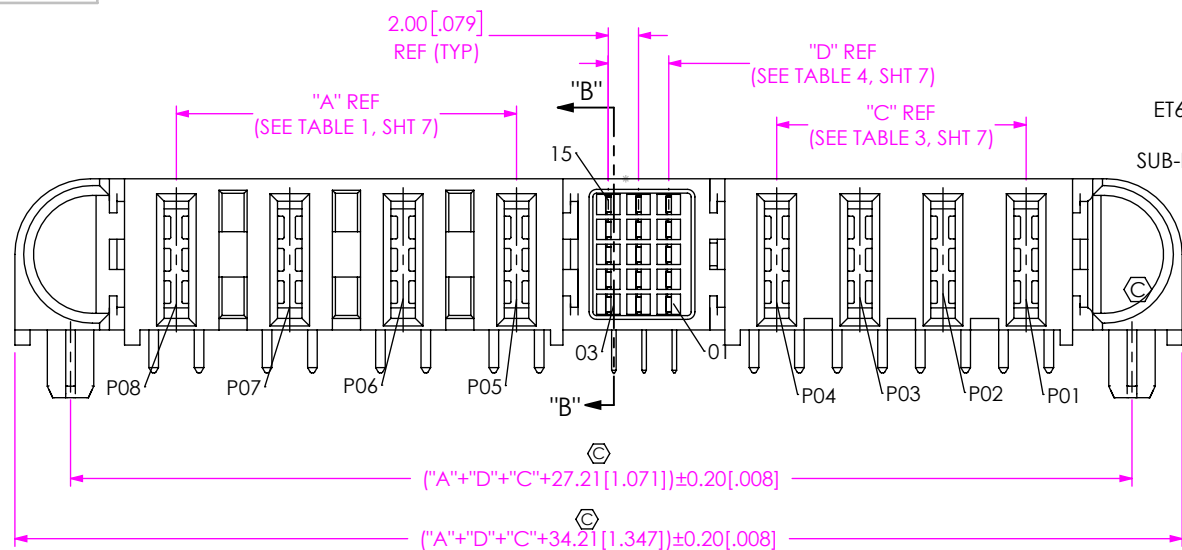


FIG 4
ET60S-D04-5-03-A04-X-R1-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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SHEET SCALE: 3:2

santec

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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 3 OF 9
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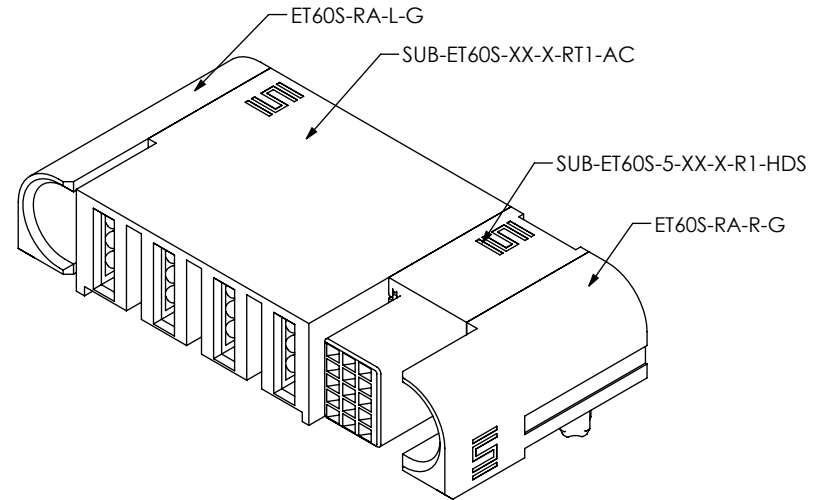
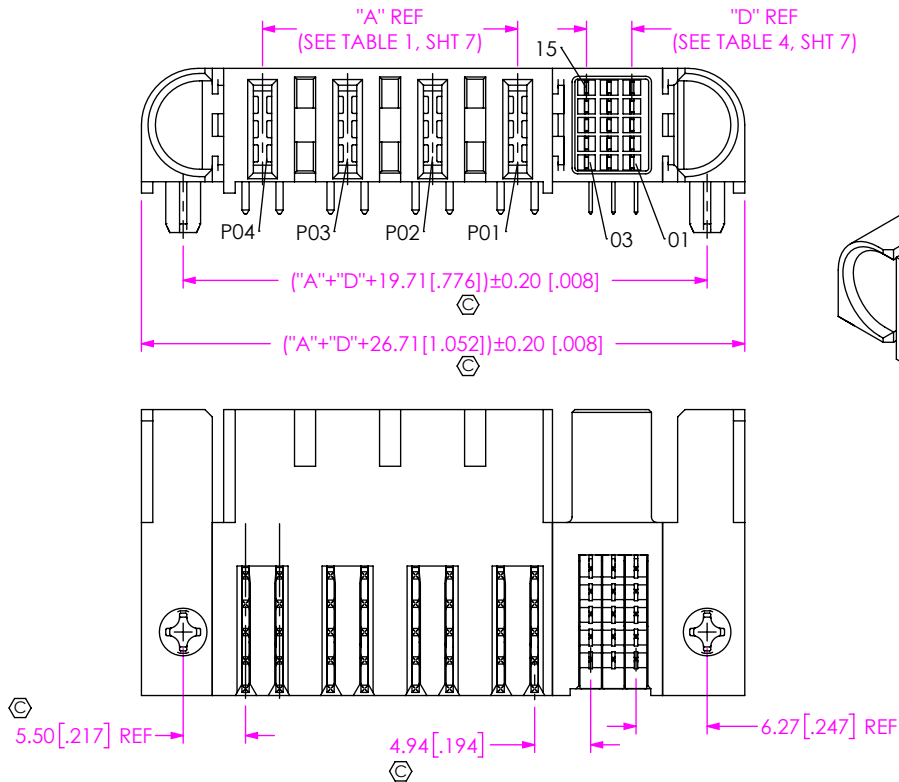


FIG 5
ET60S-000-5-03-A04-X-R1-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

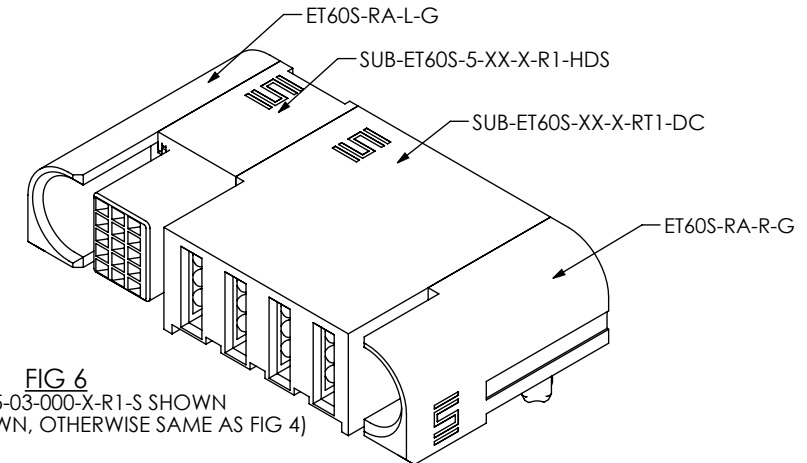
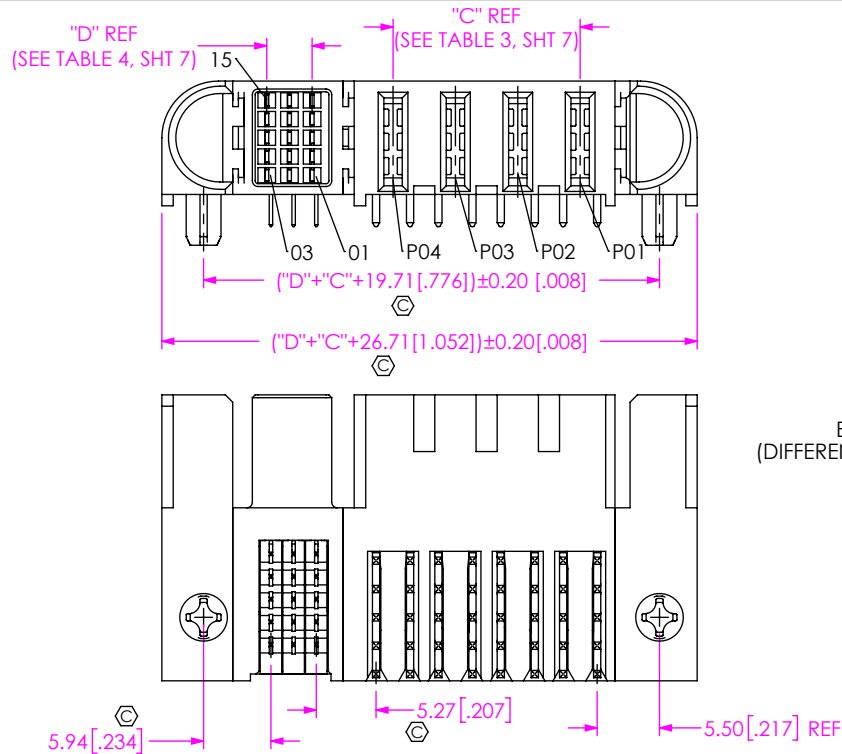


FIG 6
ET60S-D04-5-03-000-X-R1-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

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SHEET SCALE: 2:1

samtec

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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 4 OF 9

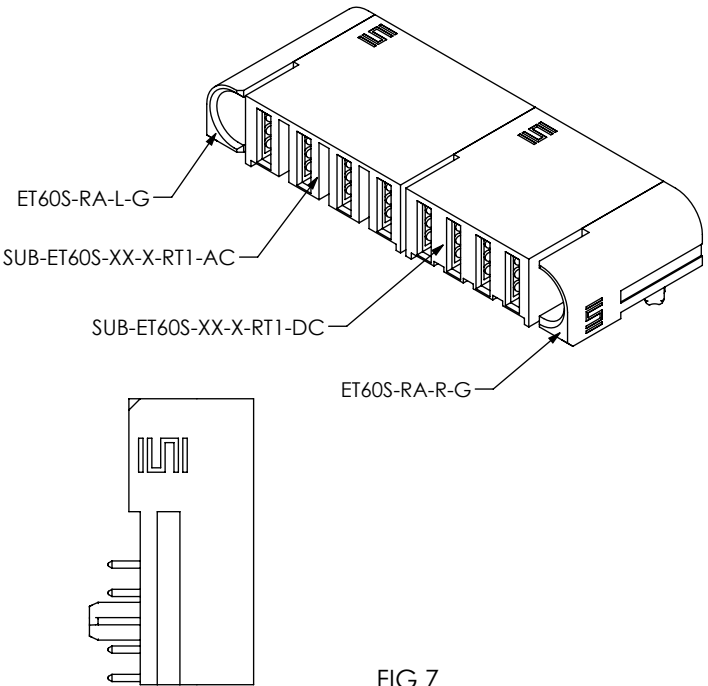
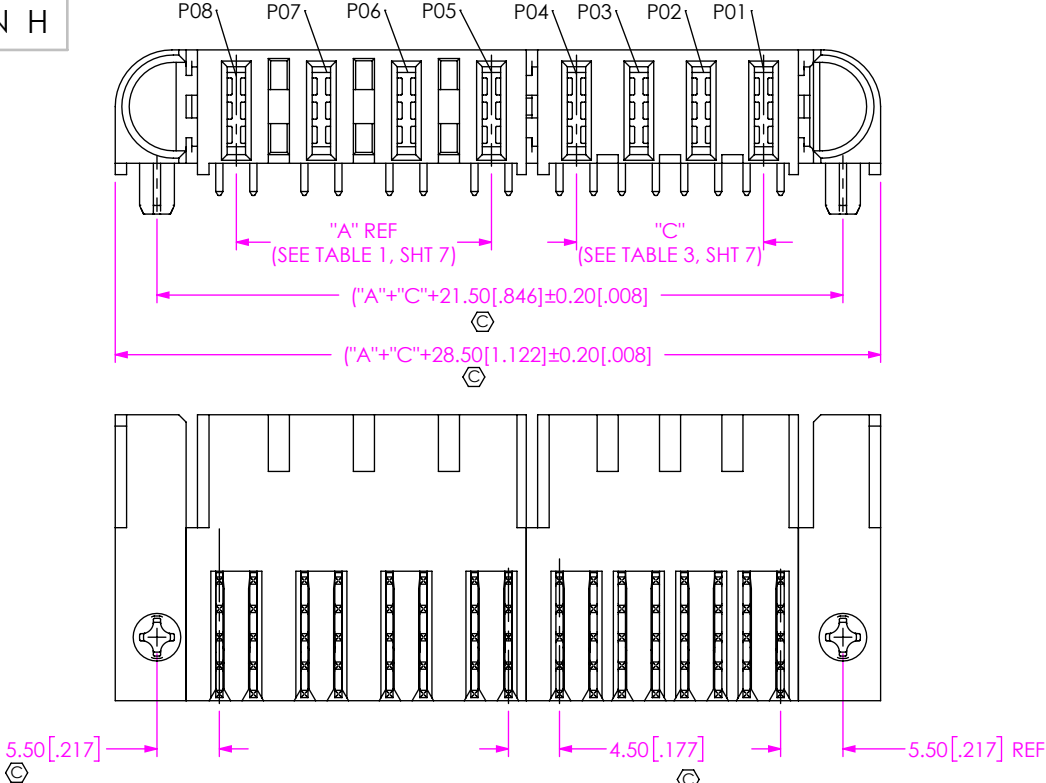


FIG 7
ET60S-D04-0-00-A04-X-R1-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

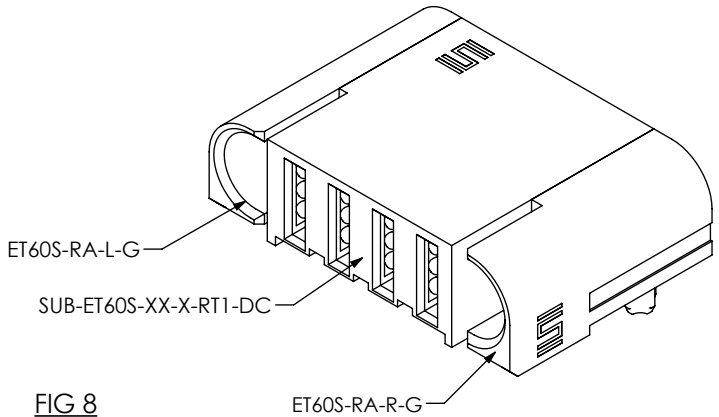
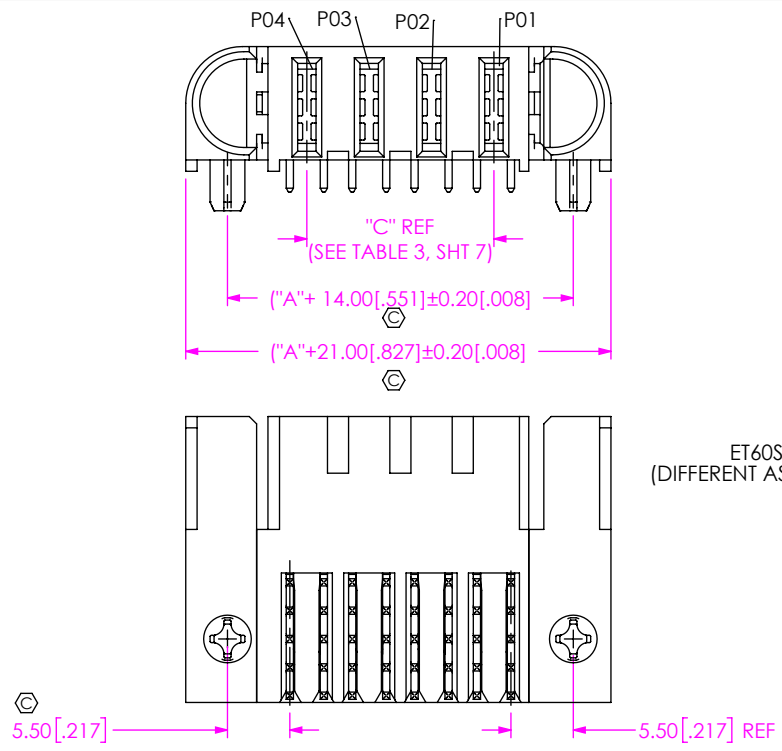


FIG 8
ET60S-D04-0-00-000-X-R1-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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SHEET SCALE: 3:2

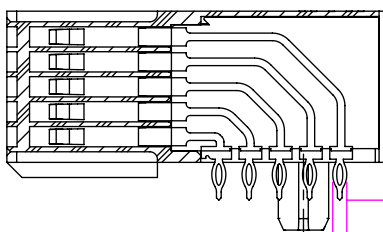
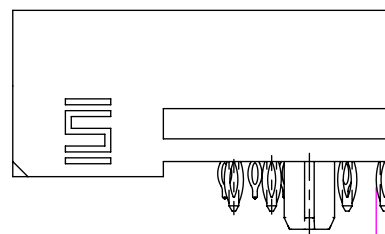
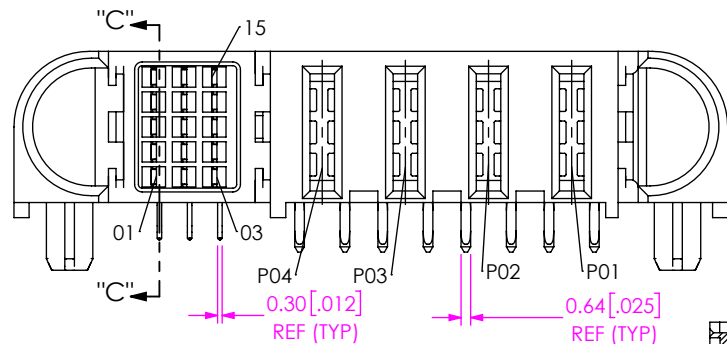


520 PARK EAST BLVD, NEW ALBANY, IN 47150
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e-Mail: info@SAMTEC.com code 55322

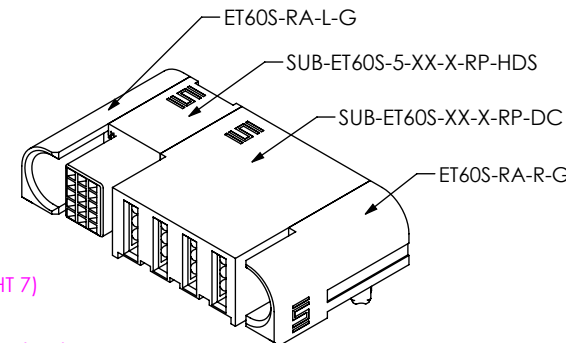
DESCRIPTION:
ET60 RA POWER/ SIGNAL SOCKET

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

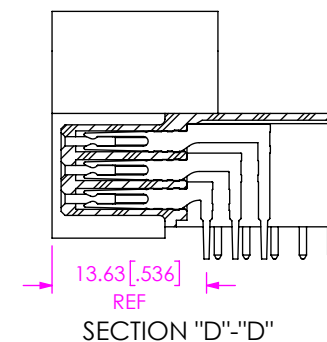
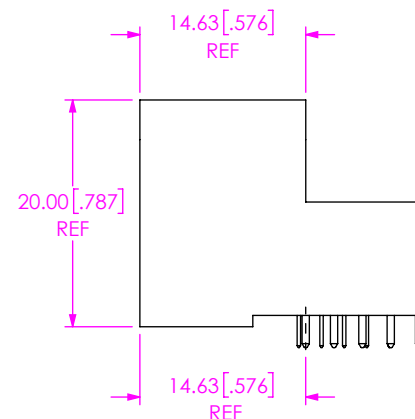
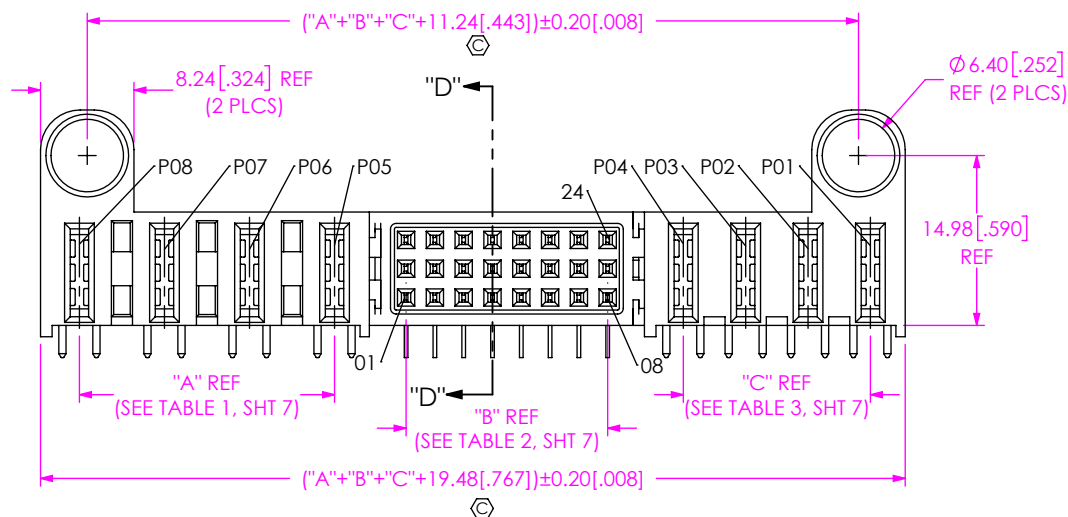
BY: JOE Z 07/28/2016 SHEET 5 OF 9



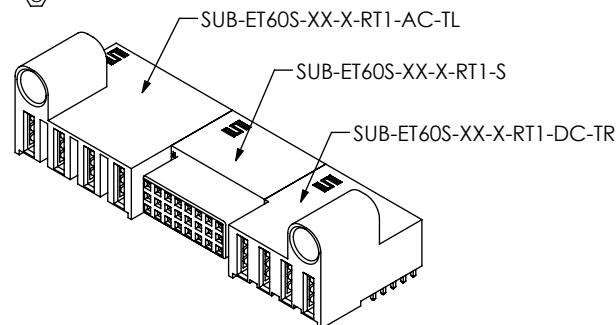
SECTION "C"-"C"
SCALE 2:1



**** FIG 9**
ET60S-D04-5-03-000-X-RP-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)
(**= NOT RELEASED)



*** FIG 10**
ET60S-D04-3-08-A04-X-R1-T SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(* = NOT TOOLED)



c:\enterprise\dwg\misc\mktg\ET60S-XXX-X-XX-XXX-X-RX-X-MKT.SLDDRW

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SHEET SCALE: 3:2

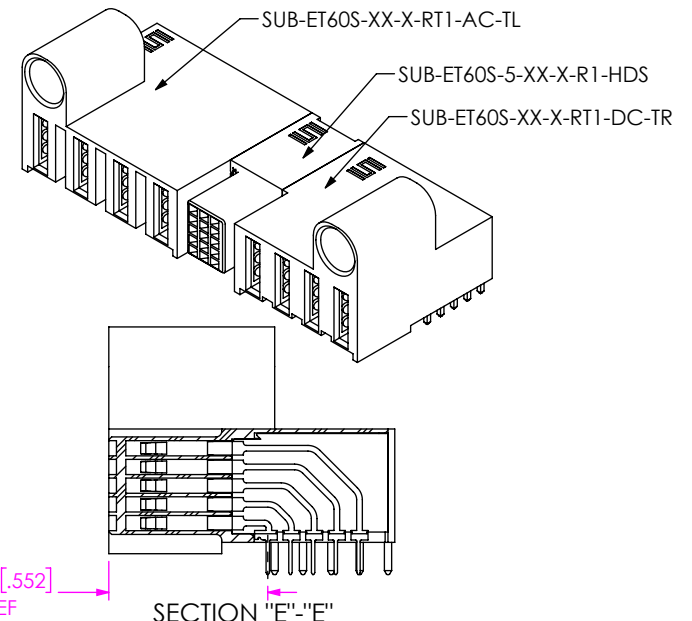
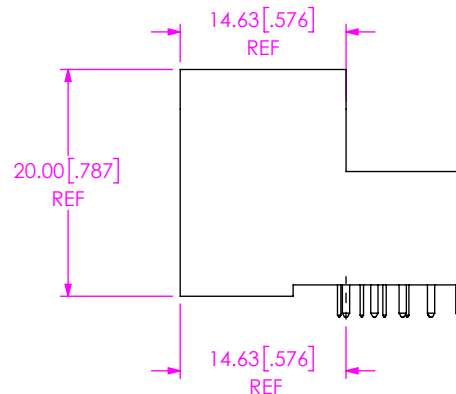
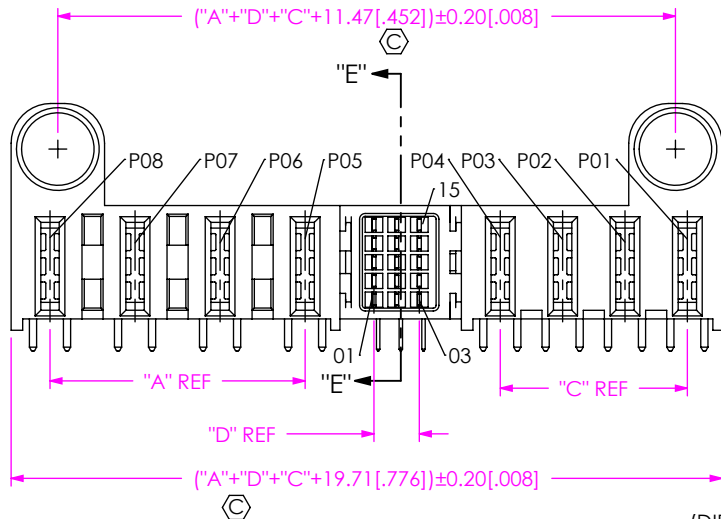
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520 PARK EAST BLVD, NEW ALBANY, IN 47150
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e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:
ET60 RA POWER/ SIGNAL SOCKET

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

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



* FIG 11
ET60S-D04-5-03-A04-X-R1-T SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)
(* = NOT TOOLED)

14.02[.552]
REF

SECTION "E"-E"

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]	/

(* = NOT TOOLED)

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]

(* = NOT TOOLED)

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]	/

(* = NOT TOOLED)

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]

(* = NOT TOOLED)

(** = NOT RELEASED)

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SHEET SCALE: 3:2

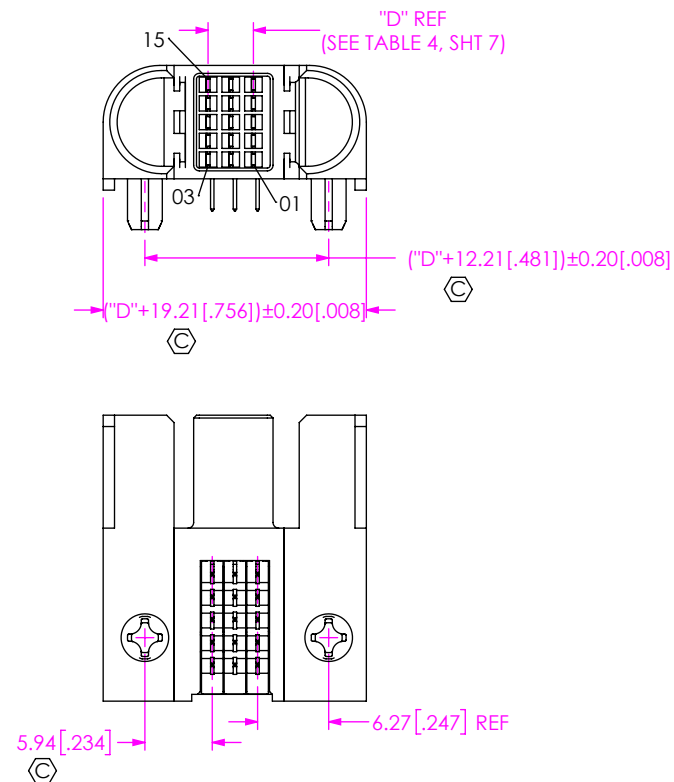
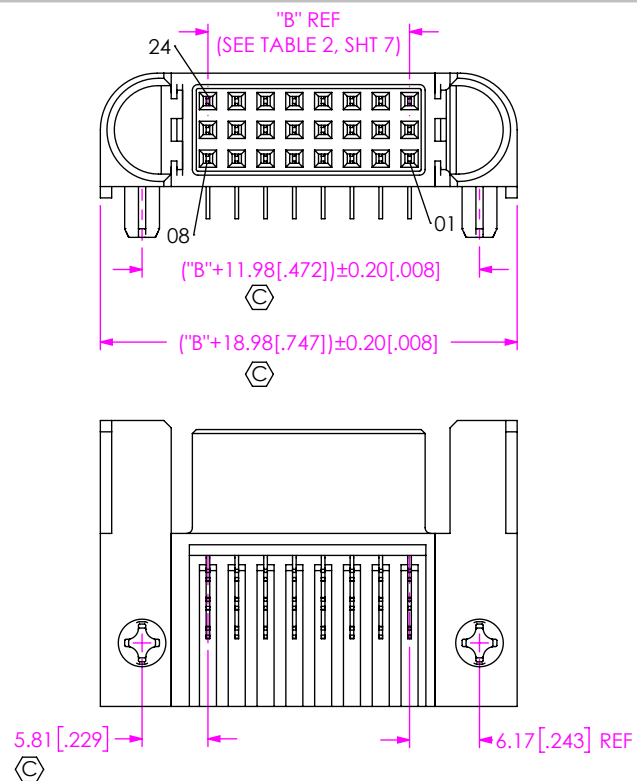
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e-Mail: info@SAMTEC.com code 55322

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

BY: JOE Z 07/28/2016 SHEET 7 OF 9



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SHEET SCALE: 3:2

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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 8 OF 9

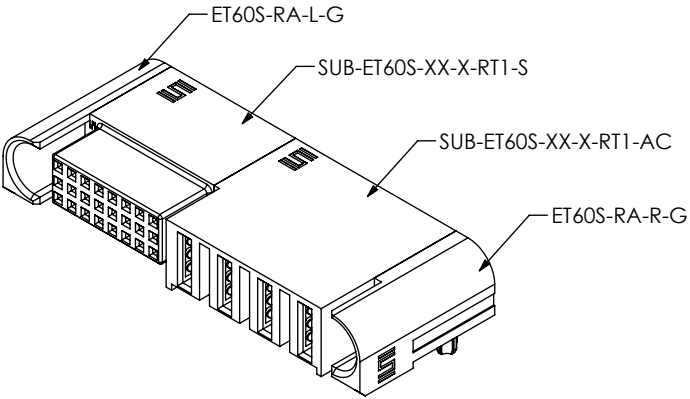
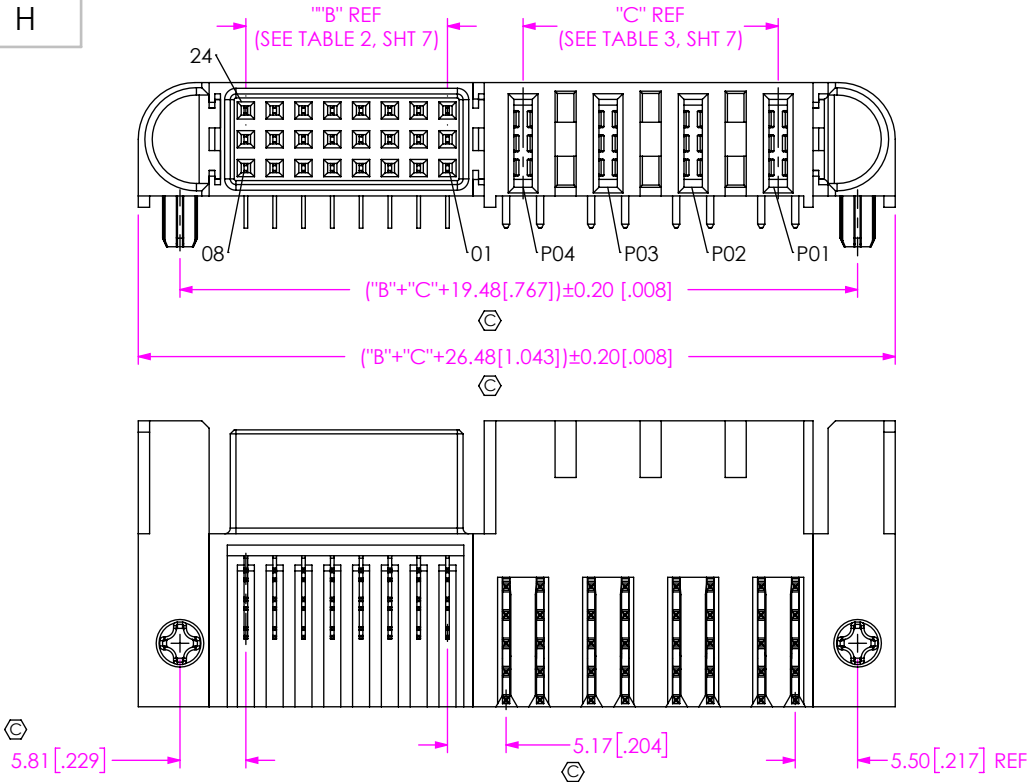


FIG 14
ET60S-A04-3-08-000-X-R1-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

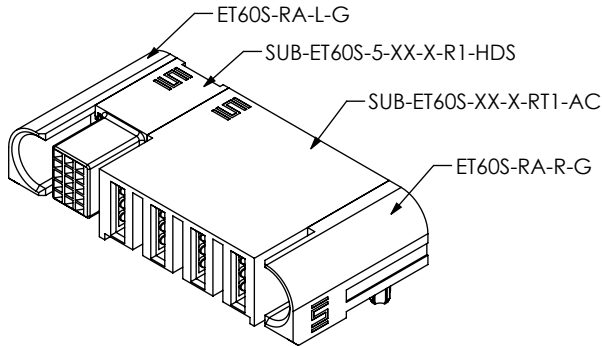
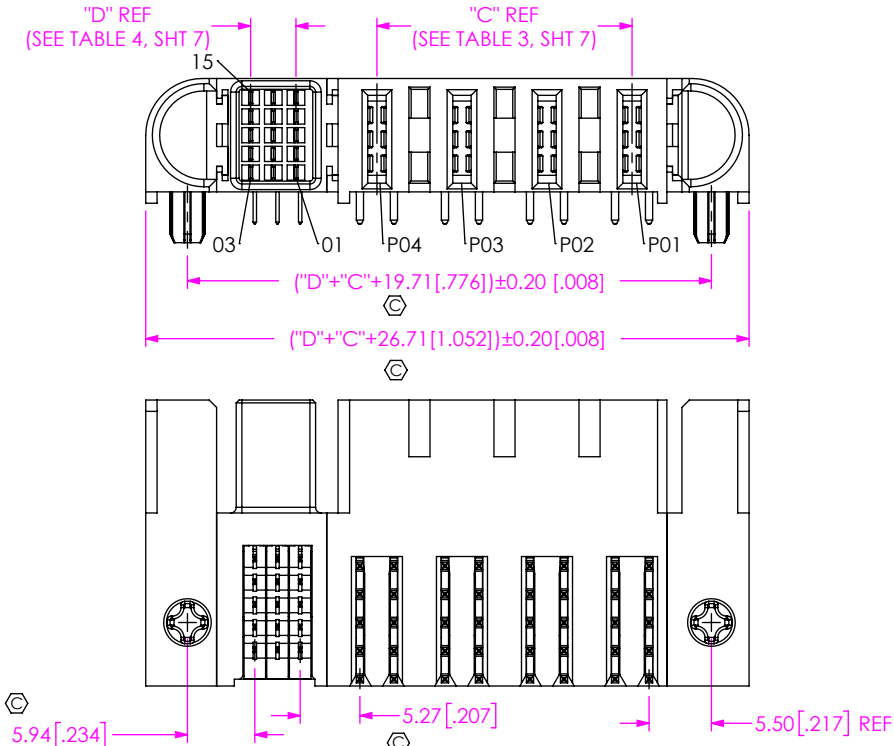


FIG 15
ET60S-A04-5-03-000-X-R1-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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e-Mail: info@SAMTEC.com code 55322

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