

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 3)

ROWS

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

SIGNAL POS PER ROW

-00: NO SIGNAL
-XX: SEE NOTE 4

POWER OPTION (LEFT)

-AXX: AC POWER
-DXX: DC POWER (SEE NOTE 5)
-SXX: SPLIT POWER
-000: NO POWER
(SEE NOTE 3)

GUIDE POST

(MUST CHOOSE ONE)

-T: TOP (NOT AVAILABLE WITH -SXX)
-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)

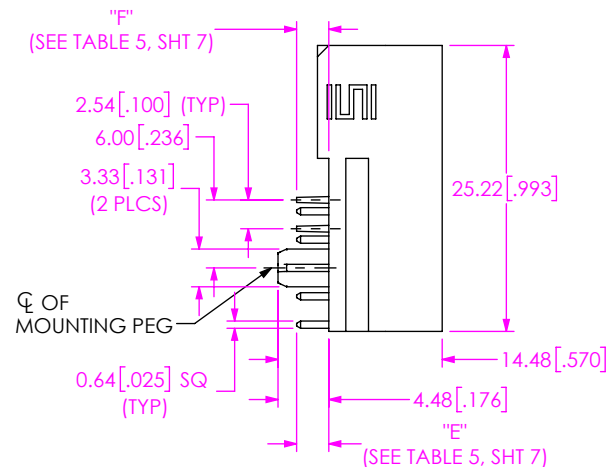
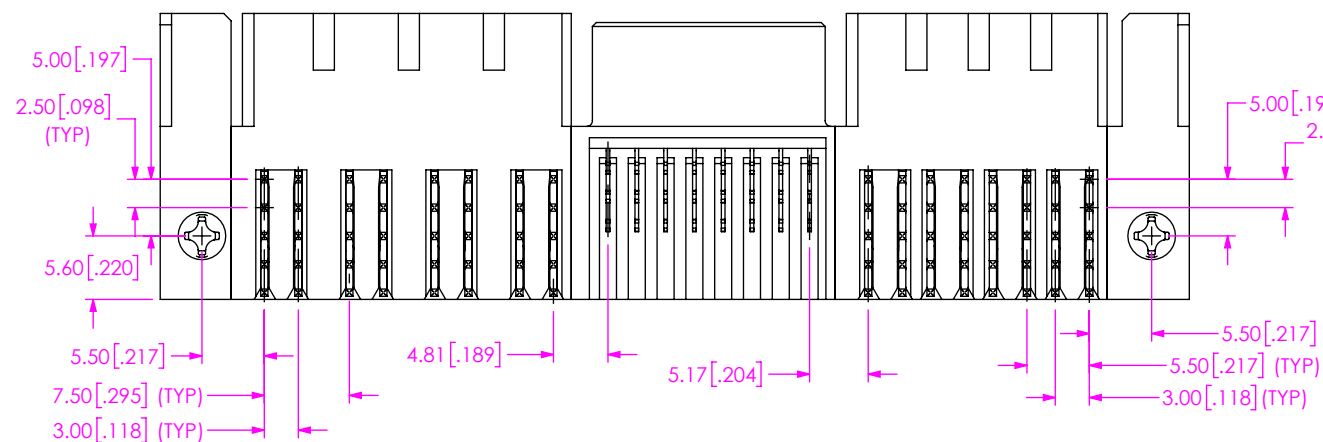
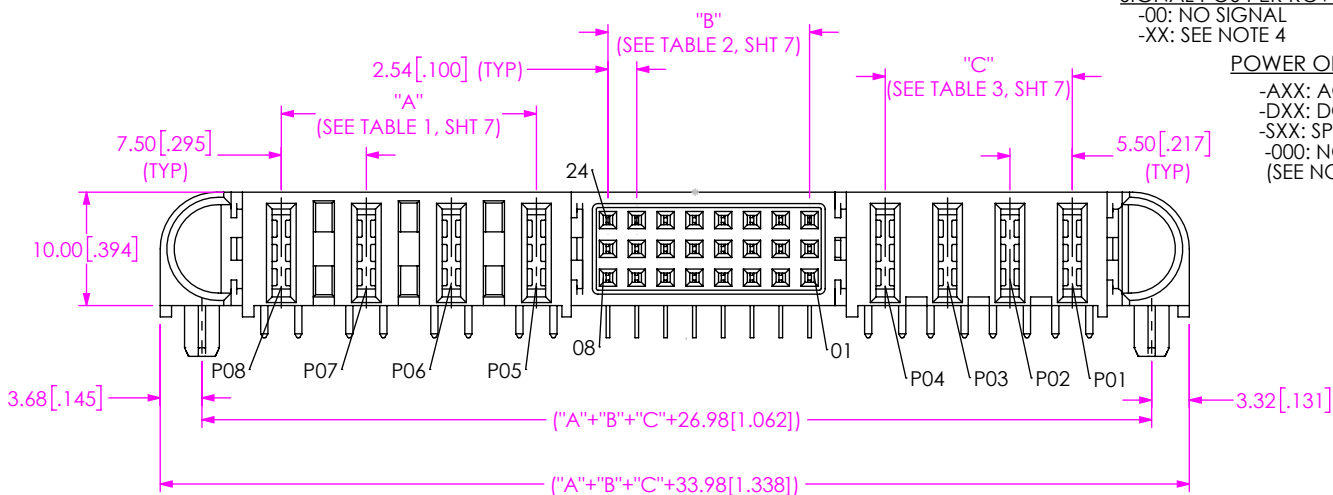


FIG 1

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

NOTES:

- 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.
SPLIT POWER: *-01, -02, -03 (ONLY APPLICABLE TO THE SUB-ET60S-01-X-RXX-SP OPTION).
(* = NOT TOOLED)
- 3 ROWS: *-02, *-04, *-06, *-08, *-10, *-12.
-5 ROWS: -01, -02, -03, -04, -05, -06, -07, -08.
(* = NOT TOOLED)
- ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
- POWER AND 5 ROW SIGNAL PINS ARE LUBRICATED.

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MATERIAL:

INSULATOR: LCP, COLOR: BLACK
SIGNAL TERMINAL: COPPER ALLOY
POWER TERMINAL: COPPER ALLOY

DO NOT SCALE DRAWING
SHEET SCALE: 3:2

DESCRIPTION:

ET60 RA POWER/ SIGNAL SOCKET

DWG. NO.

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

BY: TOBIN Q

9/4/2023

SHEET 1 OF 10

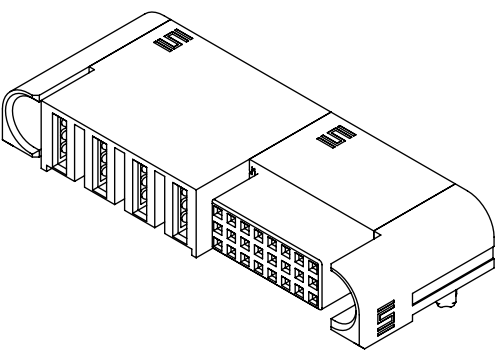
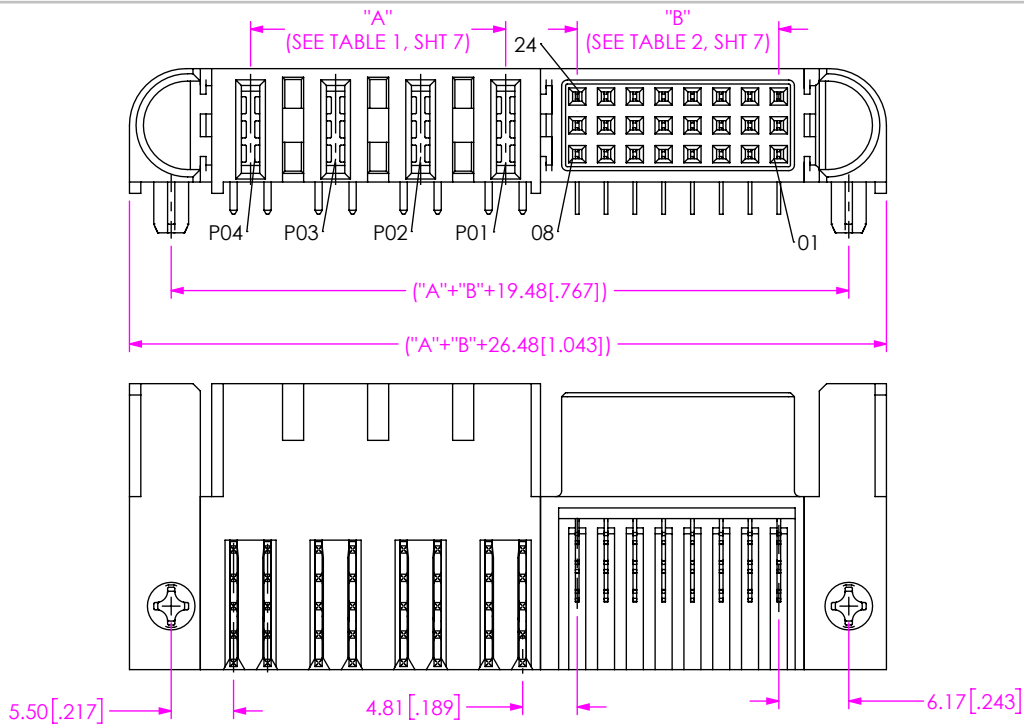


FIG 2
ET60S-000-3-08-A04-X-R1-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

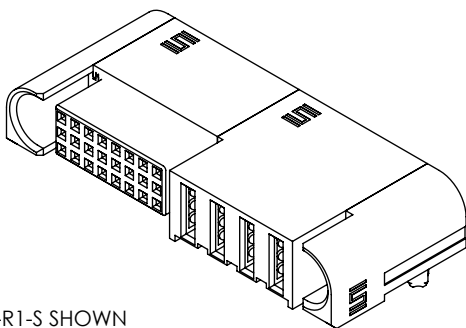
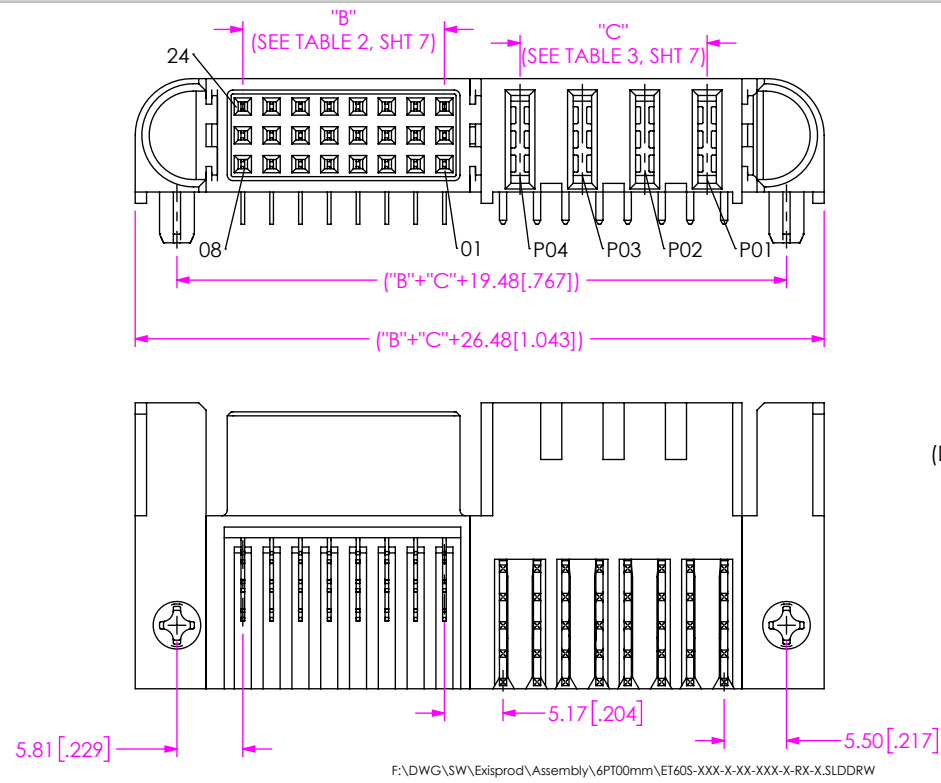


FIG 3
ET60S-D04-3-08-000-X-R1-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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e-Mail: info@SAMTEC.com code 55322

SHEET SCALE: 2:1

DESCRIPTION:
ET60 RA POWER/ SIGNAL SOCKET
DWG. NO.
ET60S-XXX-X-XX-XXX-X-RX-X
BY: TOBIN Q 9/4/2023 SHEET 2 OF 10

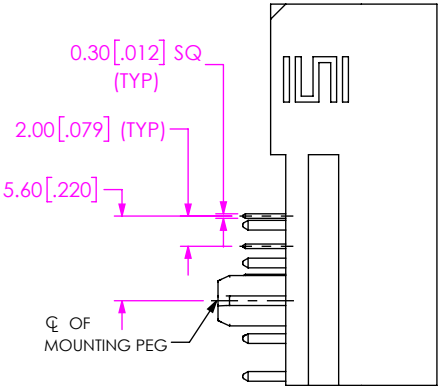
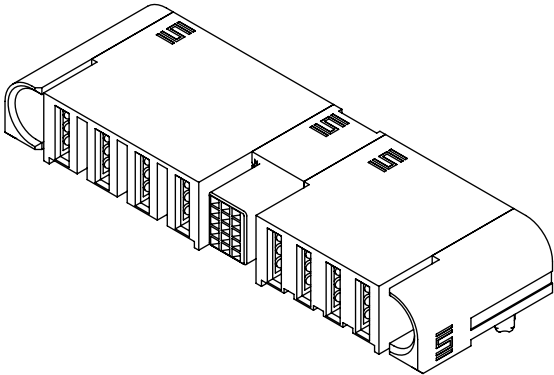
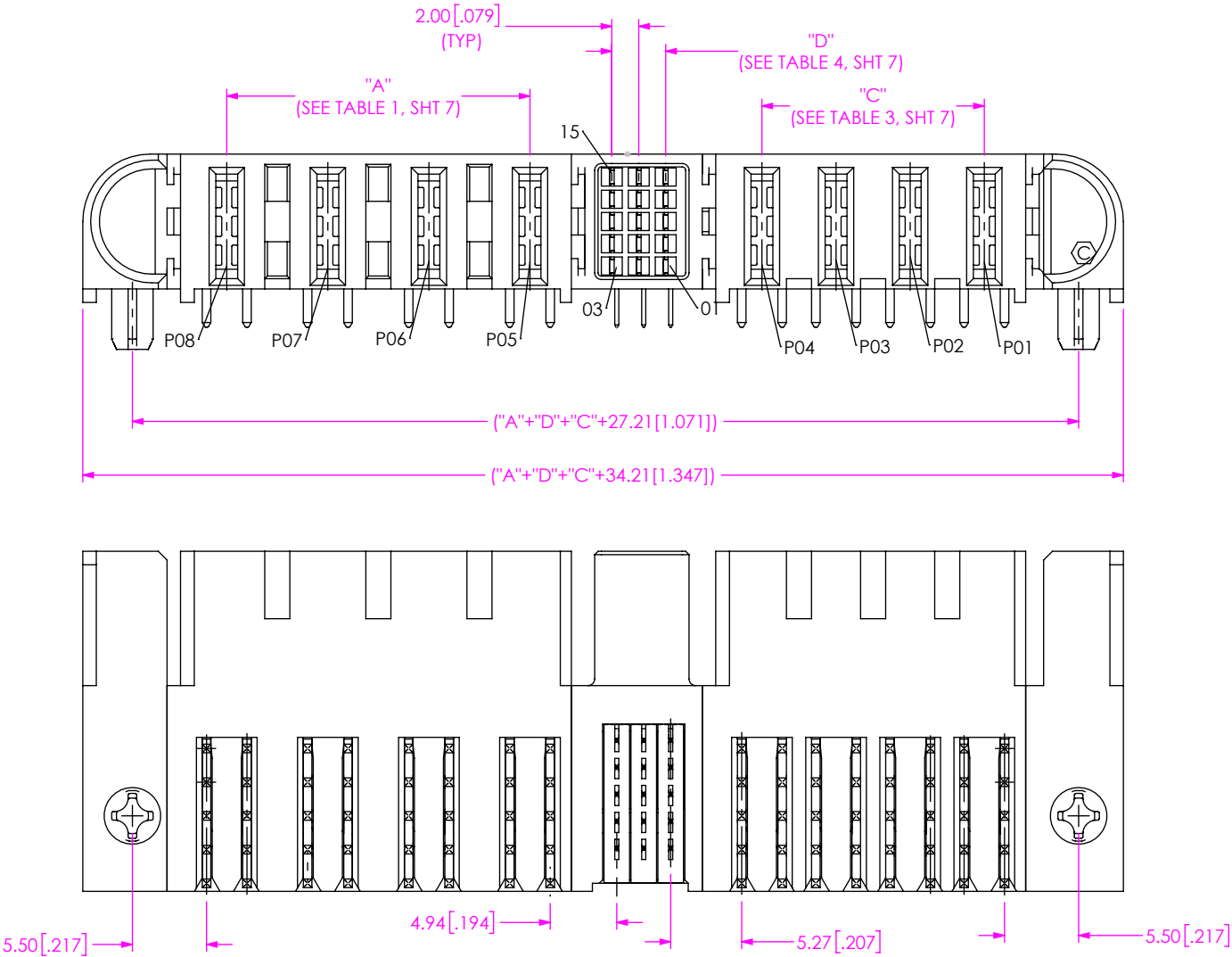


FIG 4
ET60S-D04-5-03-A04-X-R1-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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SHEET SCALE: 3:2

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ET60 RA POWER/ SIGNAL SOCKET

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

BY: TOBIN Q 9/4/2023 SHEET 3 OF 10

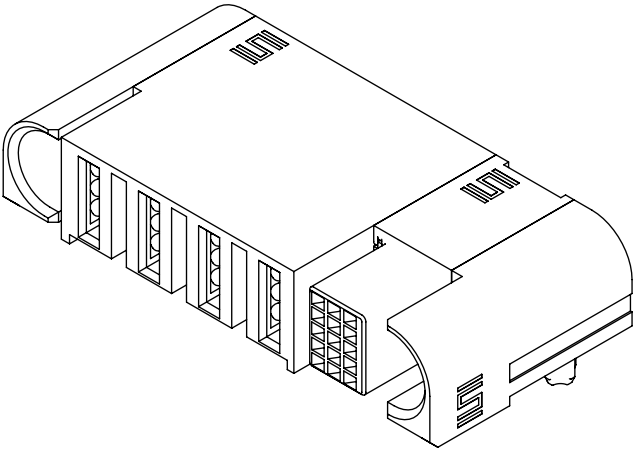
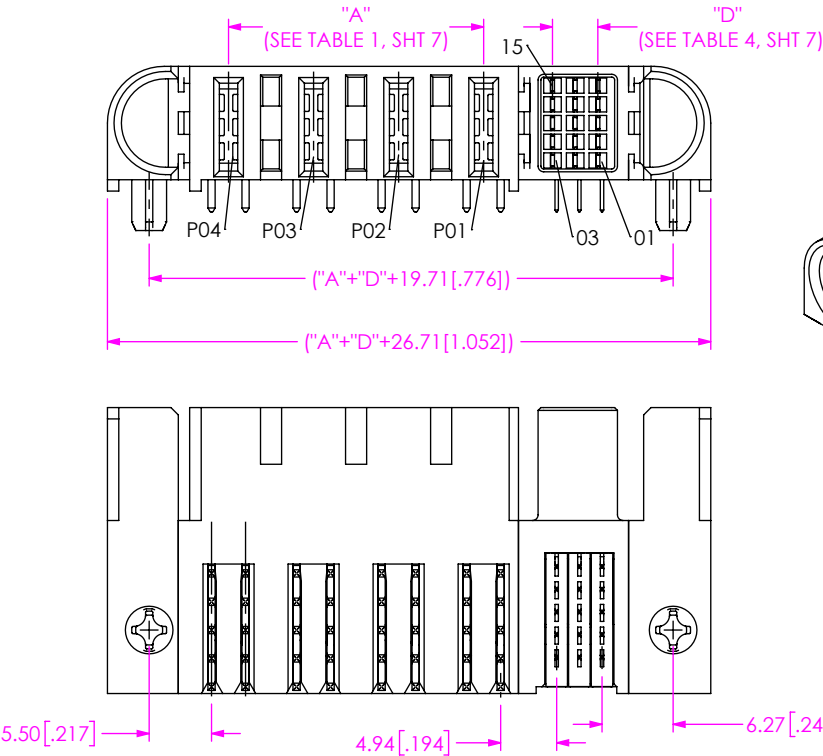


FIG 5
ET60S-000-5-03-A04-X-R1-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

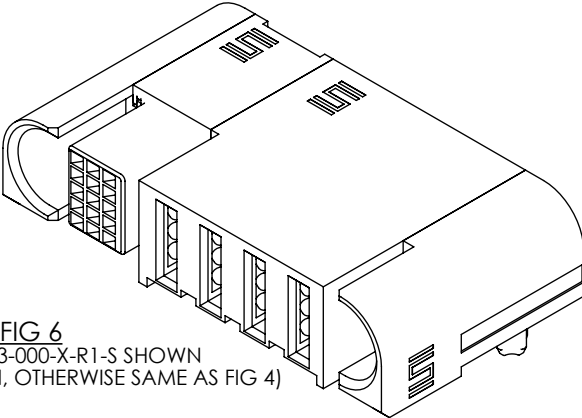
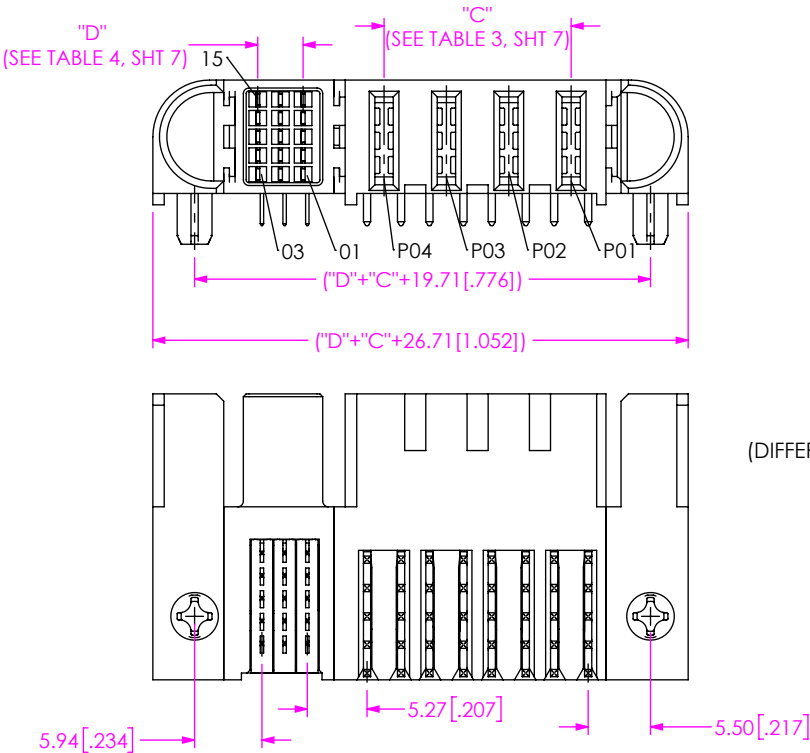


FIG 6
ET60S-D04-5-03-000-X-R1-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

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SHEET SCALE: 2:1

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ET60S RA POWER/ SIGNAL SOCKET

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

BY: TOBIN Q 9/4/2023 SHEET 4 OF 10

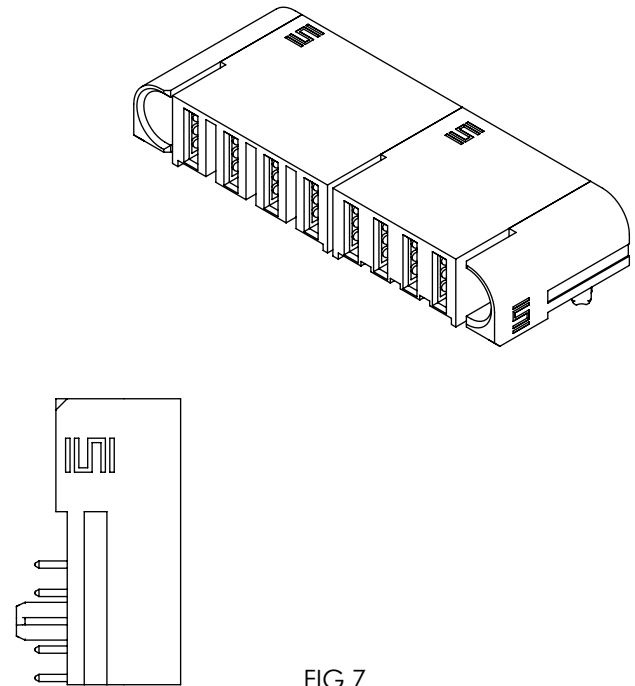
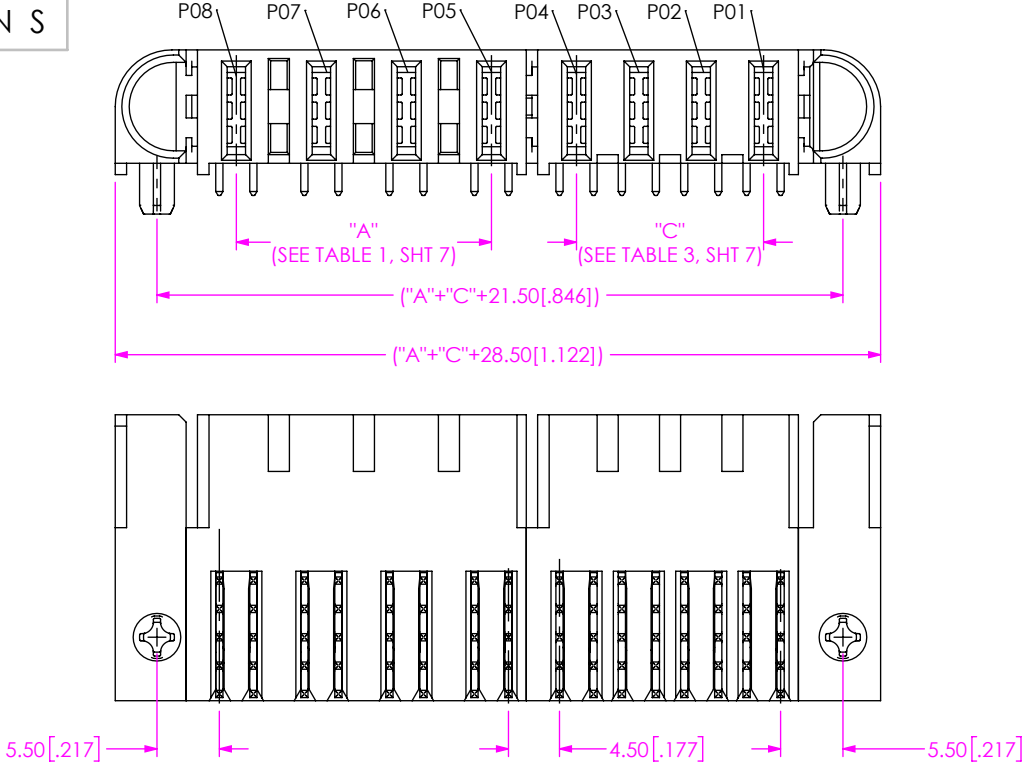


FIG 7
ET60S-D04-0-00-A04-X-R1-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

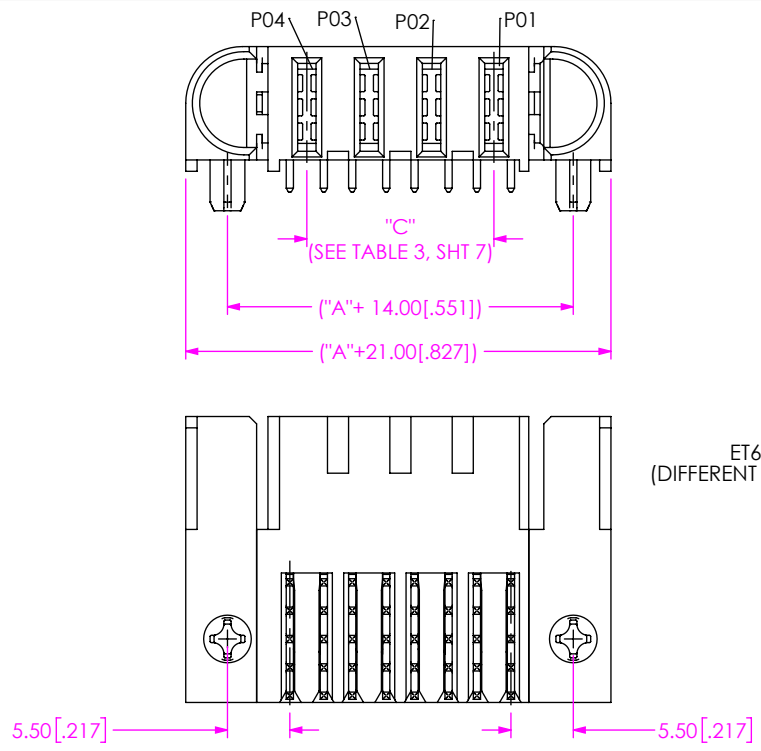
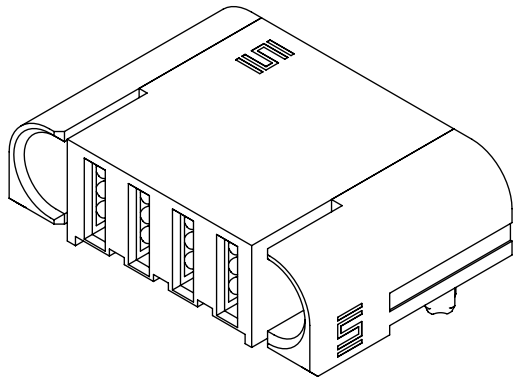


FIG 8
ET60S-D04-0-00-000-X-R1-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



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	DESCRIPTION: ET60 RA POWER/ SIGNAL SOCKET
	DWG. NO. ET60S-XXX-X-XX-XXX-X-RX-X
BY: TOBIN Q	9/4/2023 SHEET 5 OF 10

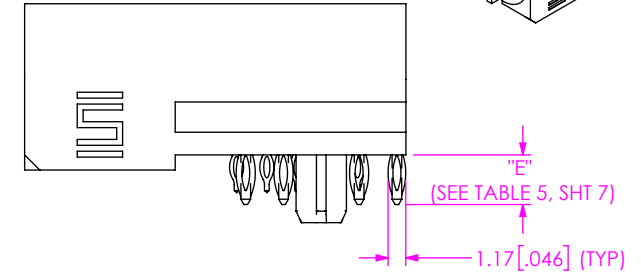
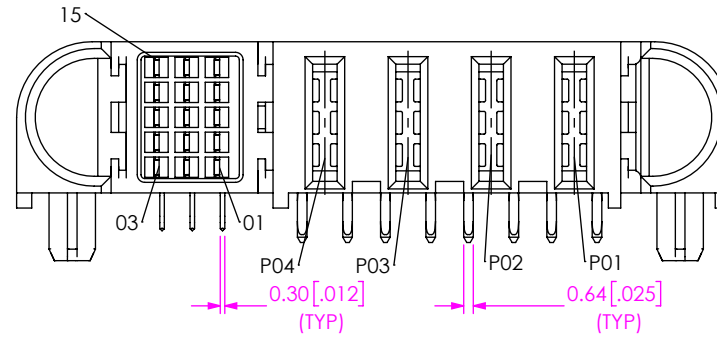
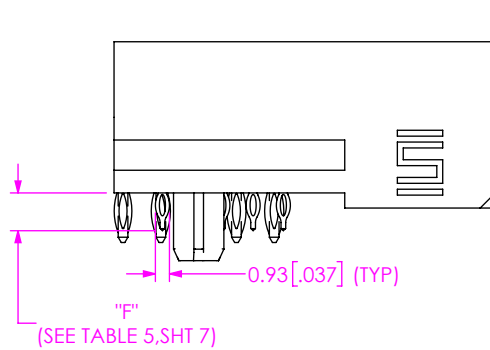
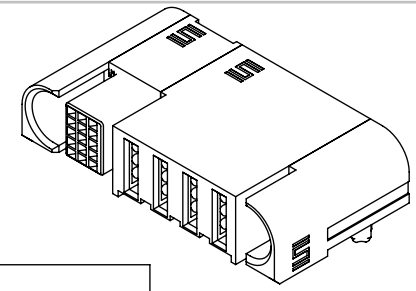


FIG 9
ET60S-D04-5-03-000-X-RP-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

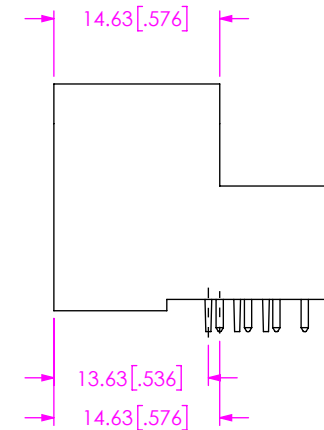
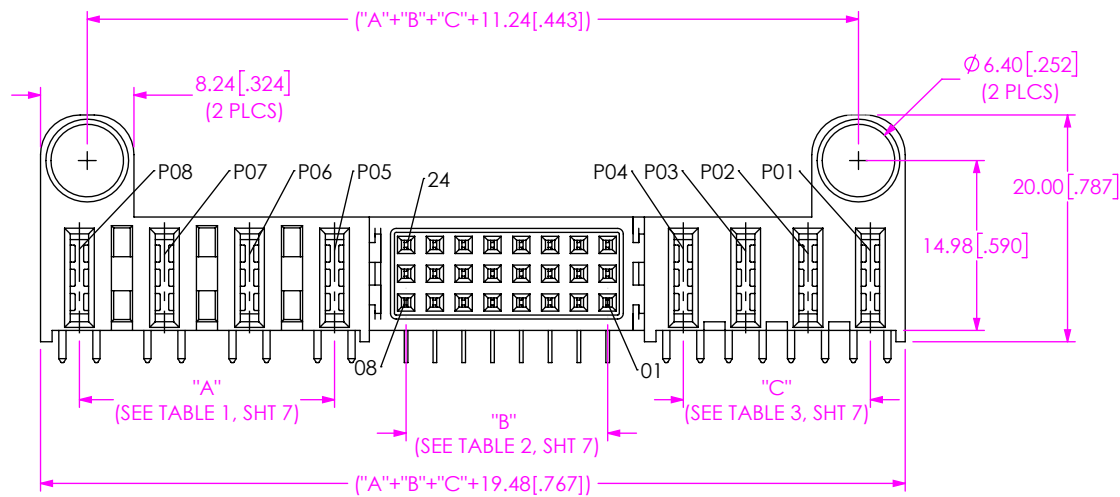
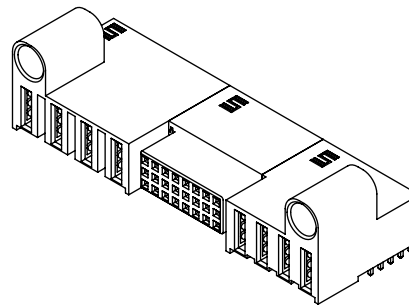


FIG 10
ET60S-D04-3-08-A04-X-R1-T SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



F:\DWG\SW\Exisprod\Assembly\6PT00mm\ET60S-XXX-X-XX-XXX-X-RX-X.SLDDRW

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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: TOBIN Q 9/4/2023 SHEET 6 OF 10

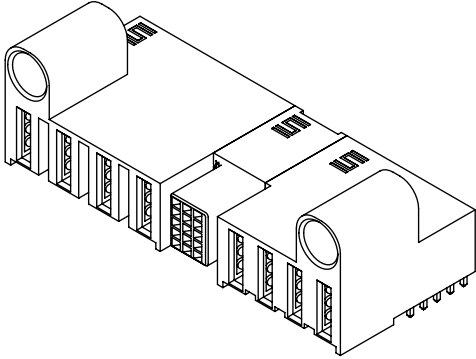
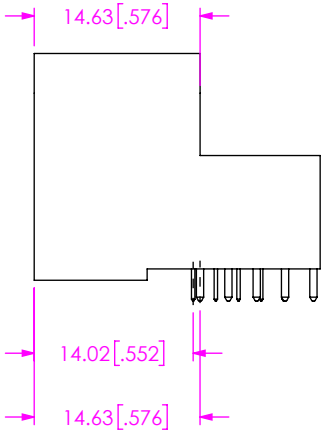
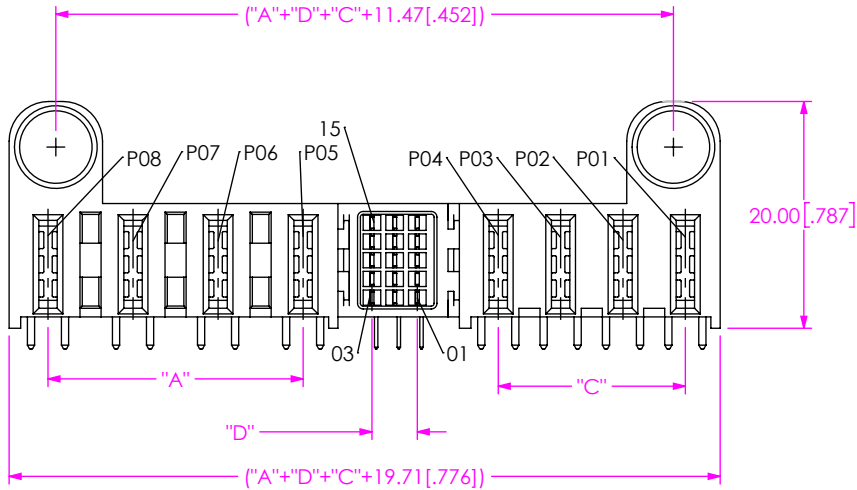


FIG 11
ET60S-D04-5-03-A04-X-R1-T SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

TABLE 1 (SEE NOTE 3)		
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 4)	
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 3)		
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 4)	
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 6 (SEE NOTE 3)	
NO OF SPLIT POWER (LEFT)	"G"
-01	N/A
-02	8.00 [.315]
-03	16.00 [.630]
-04	24.00 [.945]

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]

TABLE 7 (SEE NOTE 3)	
NO OF SPLIT POWER (RIGHT)	"H"
-01	N/A
-02	8.00 [.315]
-03	16.00 [.630]
-04	24.00 [.945]

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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: TOBIN Q 9/4/2023 SHEET 7 OF 10

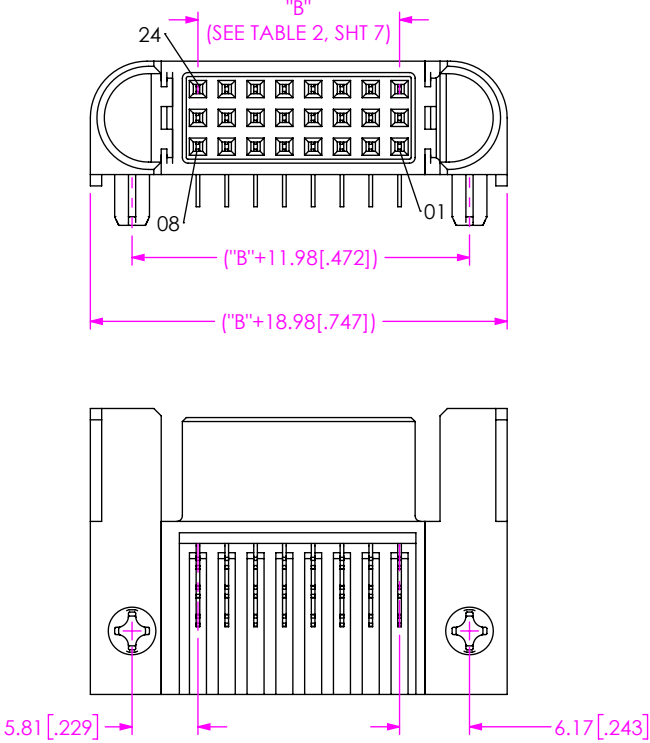


FIG 12
ET60S-000-3-08-000-X-R1-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

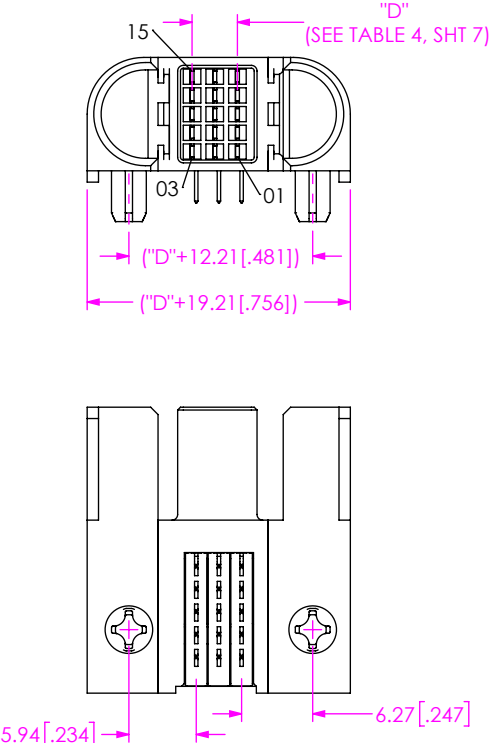


FIG 13
ET60S-000-5-03-000-X-R1-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

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SHEET SCALE: 3:2

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DESCRIPTION:
ET60 RA POWER/ SIGNAL SOCKET

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

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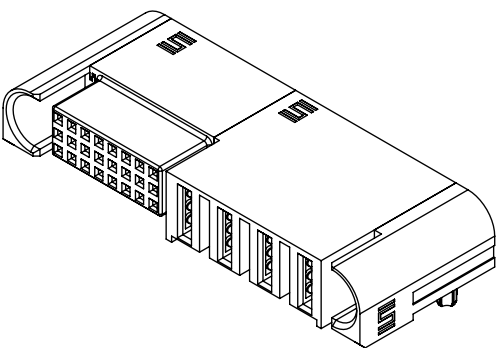
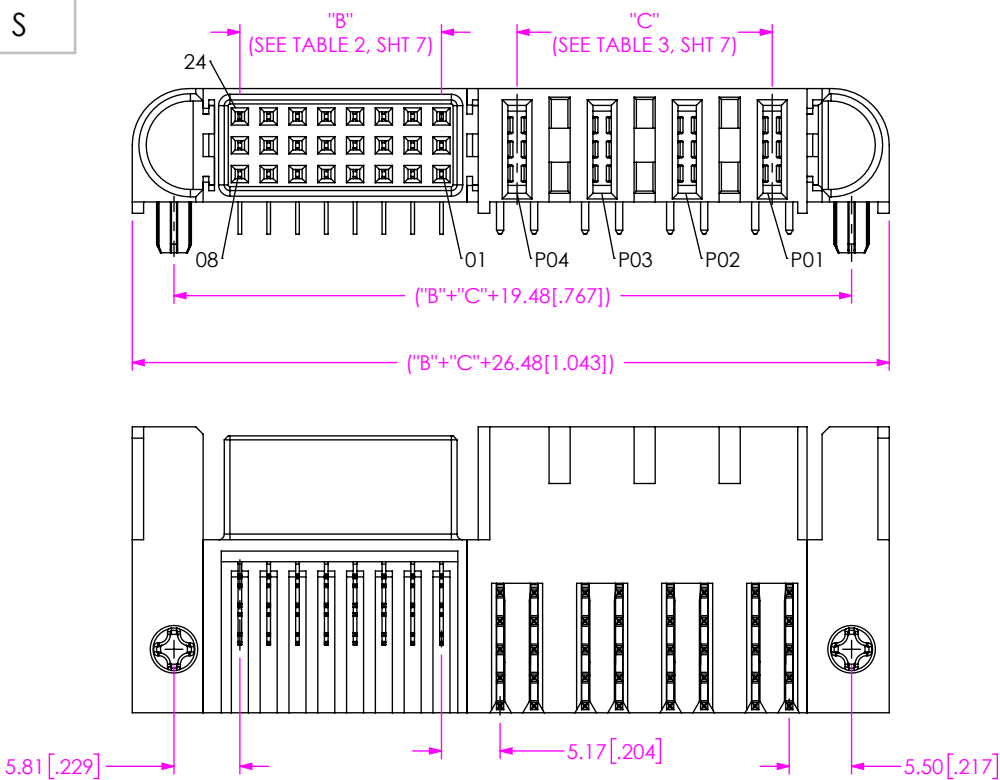


FIG 14
ET60S-A04-3-08-000-X-R1-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

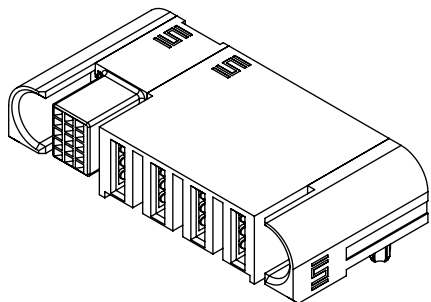
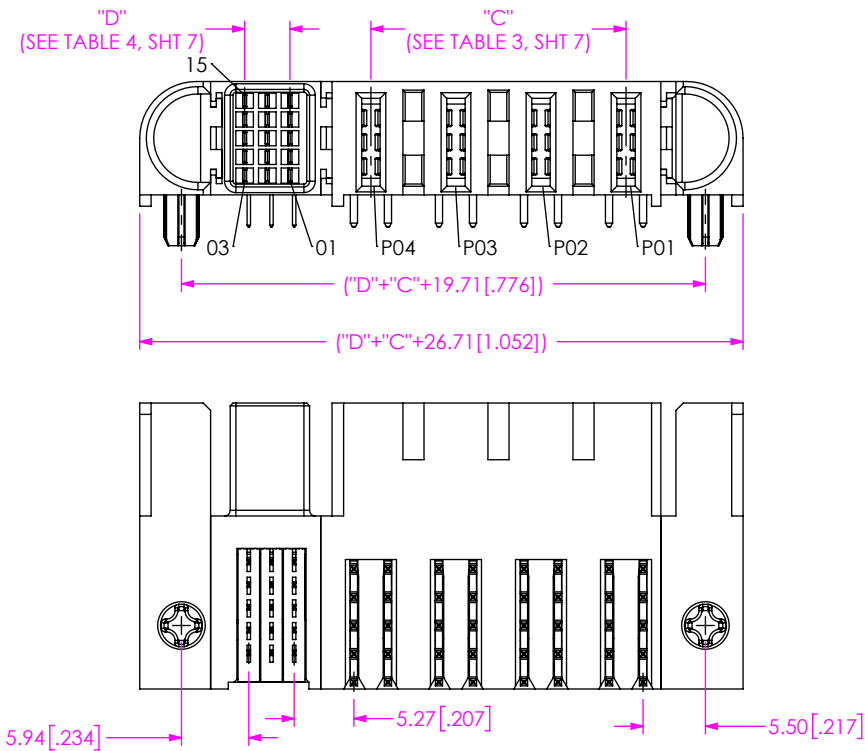


FIG 15
ET60S-A04-5-03-000-X-R1-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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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: TOBIN Q 9/4/2023 SHEET 9 OF 10

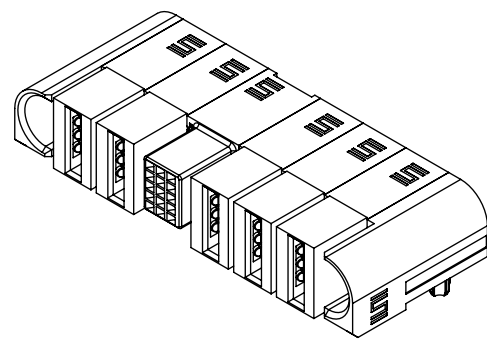
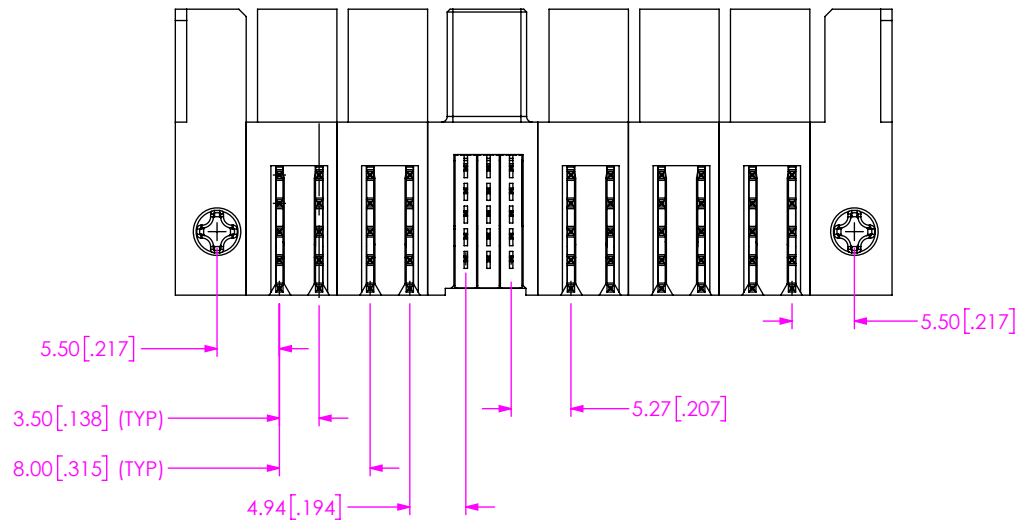
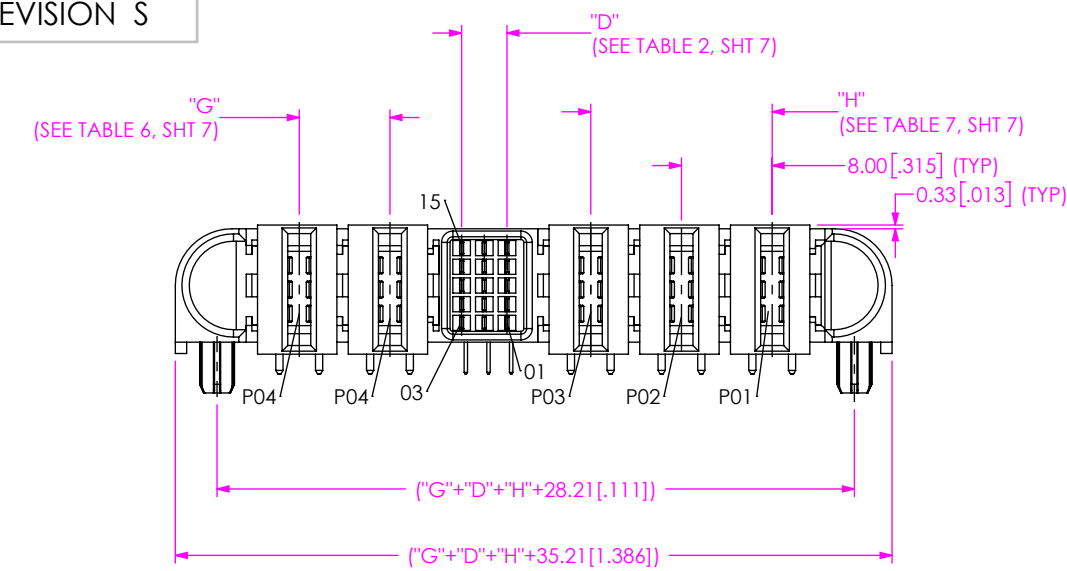


FIG 16
ET60S-S03-5-03-S02-X-R1-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

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	DESCRIPTION: ET60 RA POWER/ SIGNAL SOCKET	
	DWG. NO. ET60S-XXX-X-XX-XXX-X-RX-X	
	BY: TOBIN Q	9/4/2023 SHEET 10 OF 10