

DO NOT
SCALE FROM
THIS PRINT

POWER OPTION (RIGHT)

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

ROWS

-0: NO SIGNAL
-3: 3 ROWS
-5: 5 ROWS (-VP TAIL ONLY)

SIGNAL POS PER ROW

-XX: SEE NOTE 4
-00: NO SIGNAL

GUIDE POST

(MUST CHOOSE ONE)
-S: SIDE
-T: TOP (SEE NOTE 5)
(NOT AVAILABLE WITH -SXX)

TAIL

-VP: PRESS FIT
-V1: FOR .062" PCB
(NOT AVAILABLE FOR 5 ROWS)
*-V2: FOR .093" PCB

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

POWER OPTION (LEFT)

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

(*=NOT TOOLED)

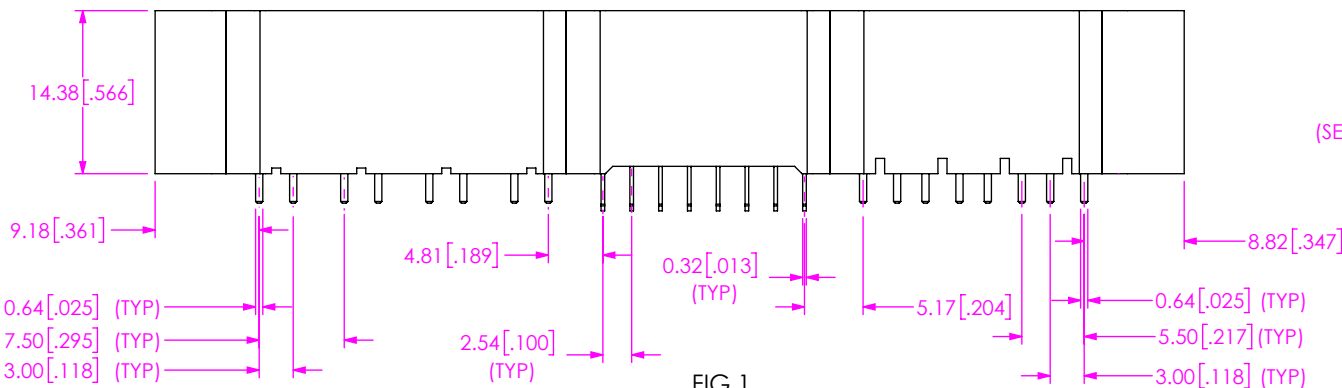
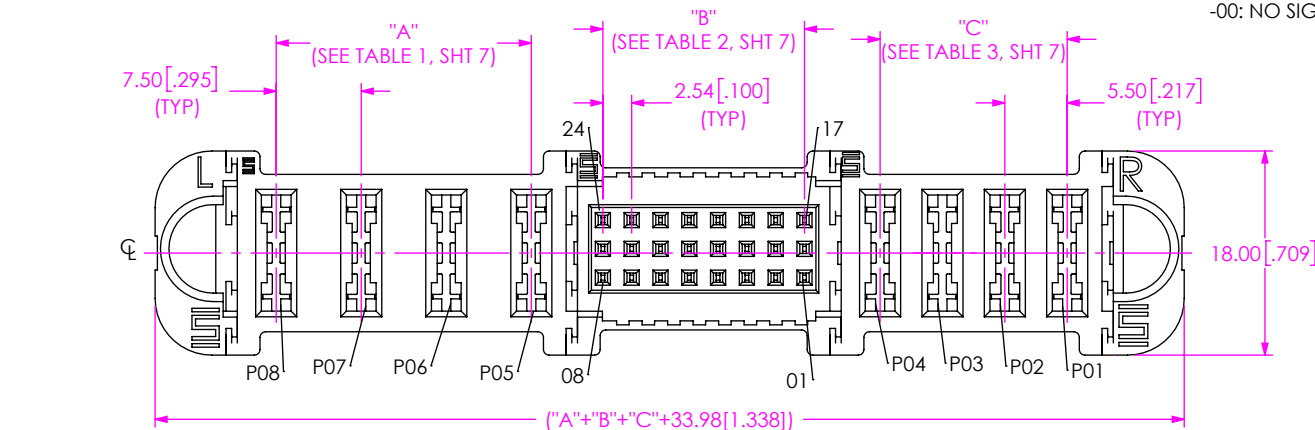
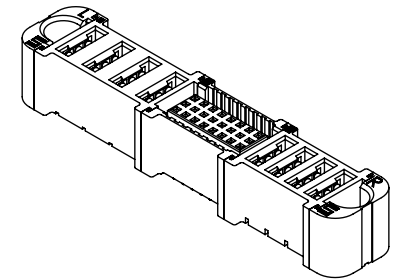
"D"
(SEE TABLE 5, SHT 7)"E"
(SEE TABLE 5, SHT 7)

FIG 1

ET60S-D04-3-08-A04-X-V1-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-VP-SP OPTION).
(* = NOT TOOLED)
- 3 ROWS: *-02, *-04, *-06, -08, *-10, *-12.
-5 ROWS: -01, -02, -03, -04, -05, -06, -07, -08.
(* = NOT TOOLED)
- TOP GUIDE POST FOR -AC POWER: AVAILABLE ON -02 TO -06 POSITIONS ONLY.
TOP GUIDE POST FOR -DC POWER: AVAILABLE ON -02 TO -10 POSITIONS ONLY.
- ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.

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SHEET SCALE: 1:5:1

MATERIAL:
INSULATOR: LCP, COLOR: BLACK
SIGNAL CONTACT: COPPER ALLOY
POWER CONTACT: COPPER ALLOY

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 VERTICAL POWER/SIGNAL SOCKET

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

BY: TOBIN Q 9/4/2023 SHEET 1 OF 9

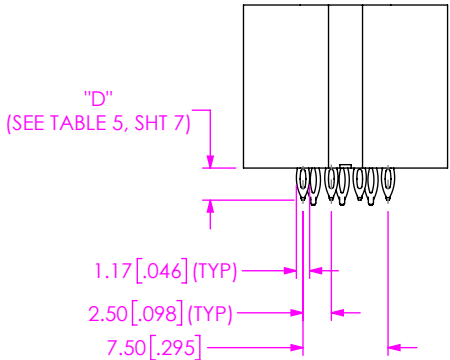
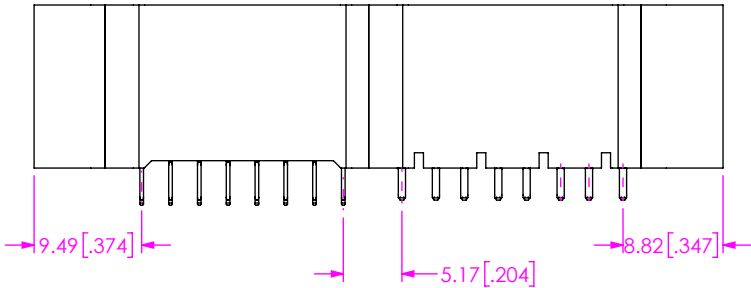
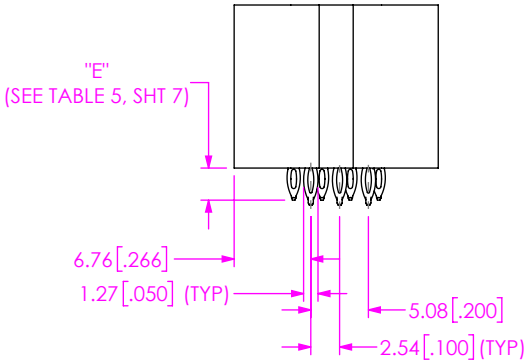
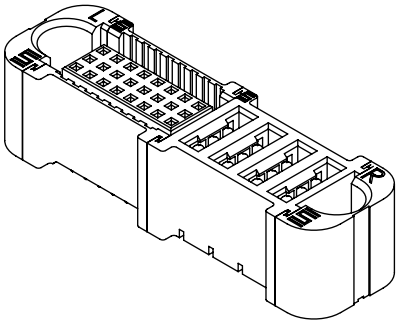
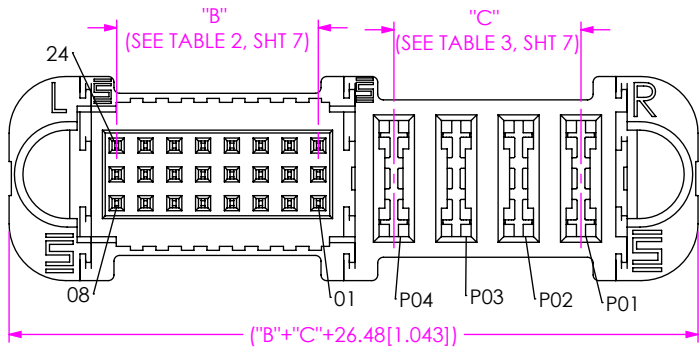


FIG 2
ET60S-D04-3-08-000-X-VP-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

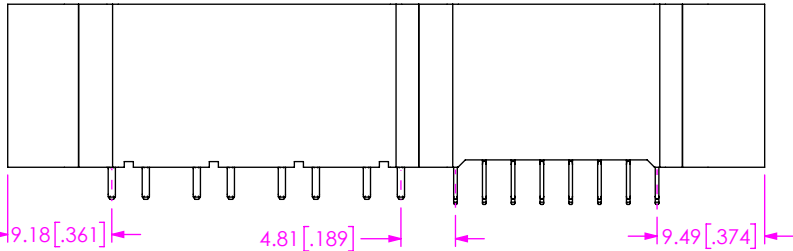
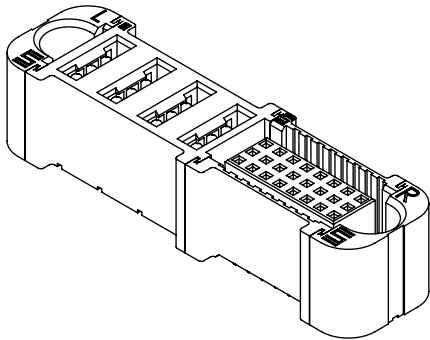
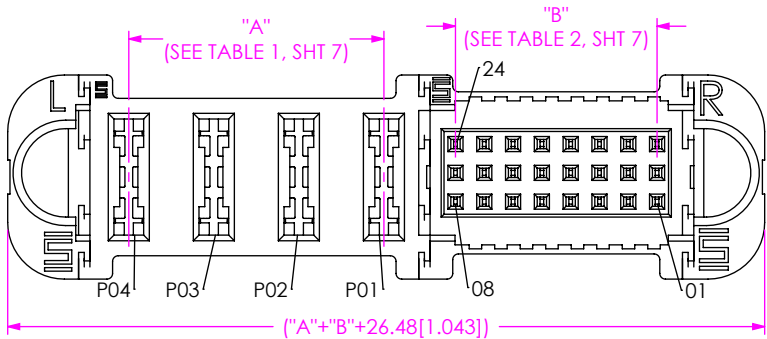


FIG 3
ET60S-000-3-08-A04-X-VP-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 2)

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DESCRIPTION:
ET60 VERTICAL POWER/SIGNAL SOCKET

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

BY: TOBIN Q 9/4/2023 SHEET 2 OF 9

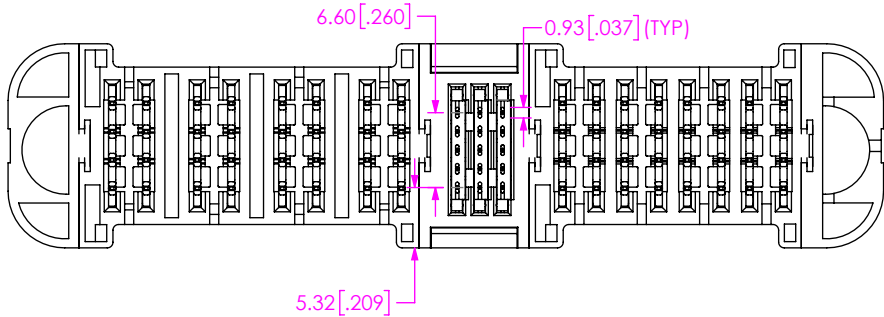
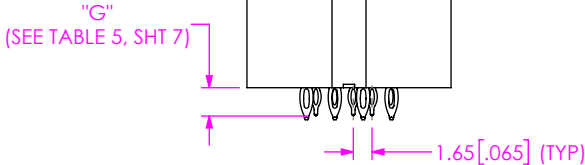
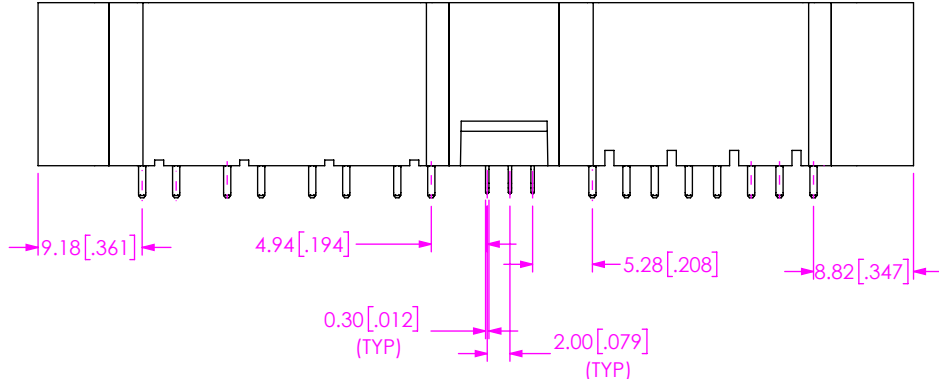
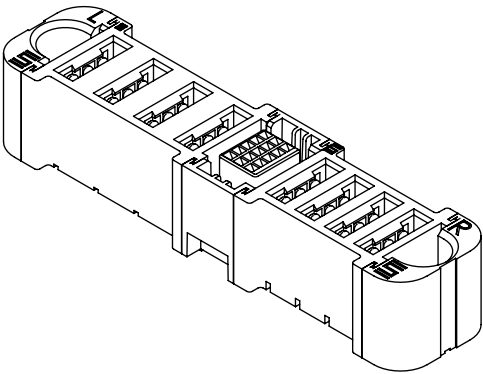
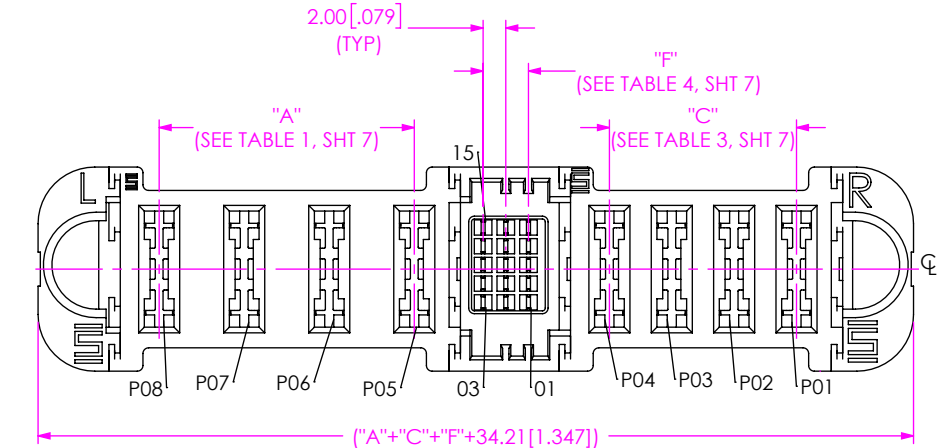


FIG 4
ET60S-D04-5-03-A04-X-VP-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1 & 2)

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	DESCRIPTION: ET60 VERTICAL POWER/SIGNAL SOCKET	
	DWG. NO. ET60S-XXX-X-XX-XXX-X-VX-X	
	BY: TOBIN Q	9/4/2023

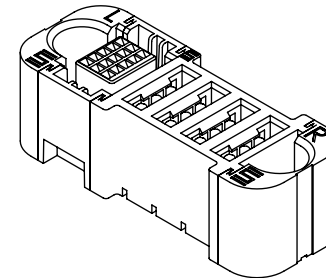
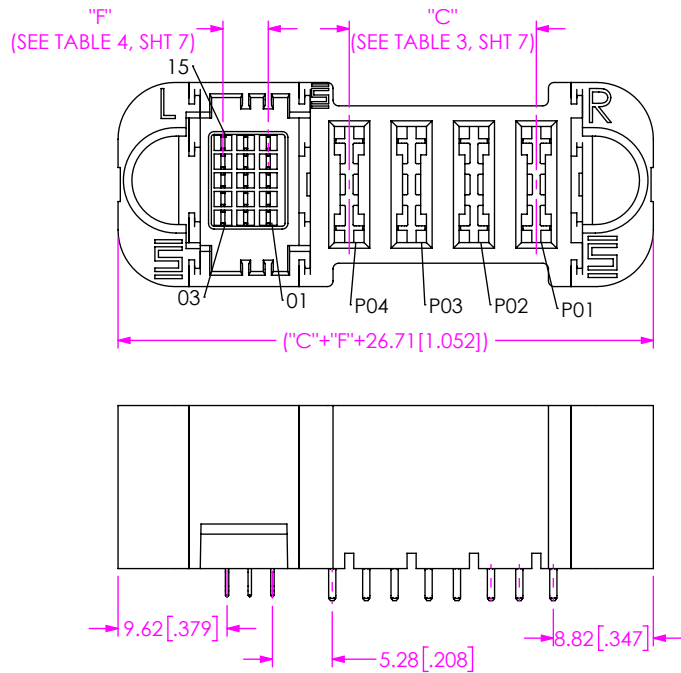


FIG 5
ET60S-D04-5-03-000-X-VP-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

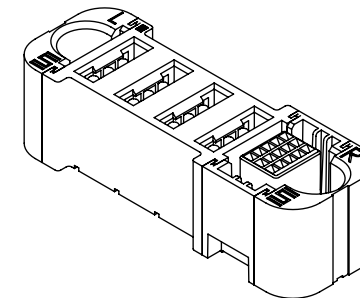
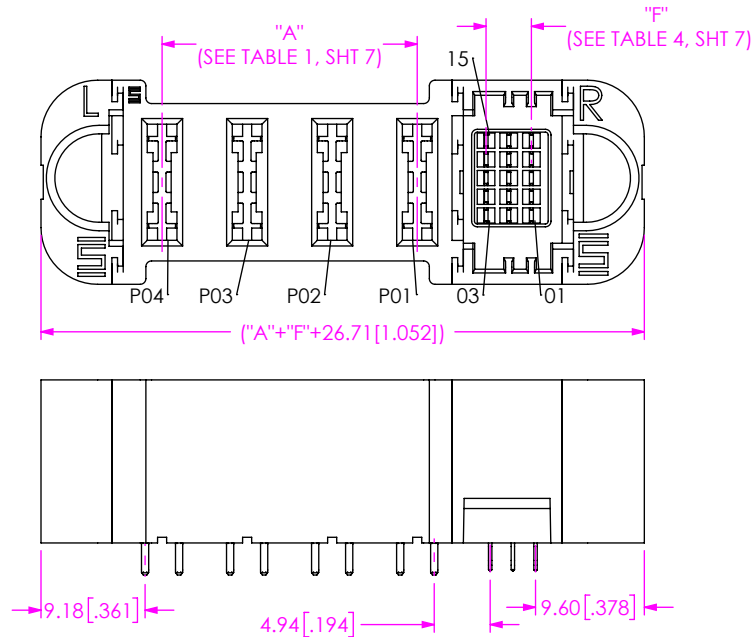


FIG 6
ET60S-000-5-03-A04-X-VP-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

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SHEET SCALE: 1.5:1

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DESCRIPTION:
ET60 VERTICAL POWER/SIGNAL SOCKET

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

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

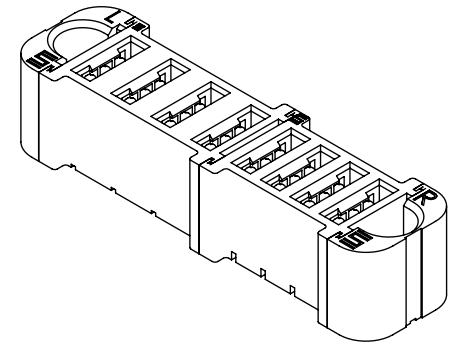
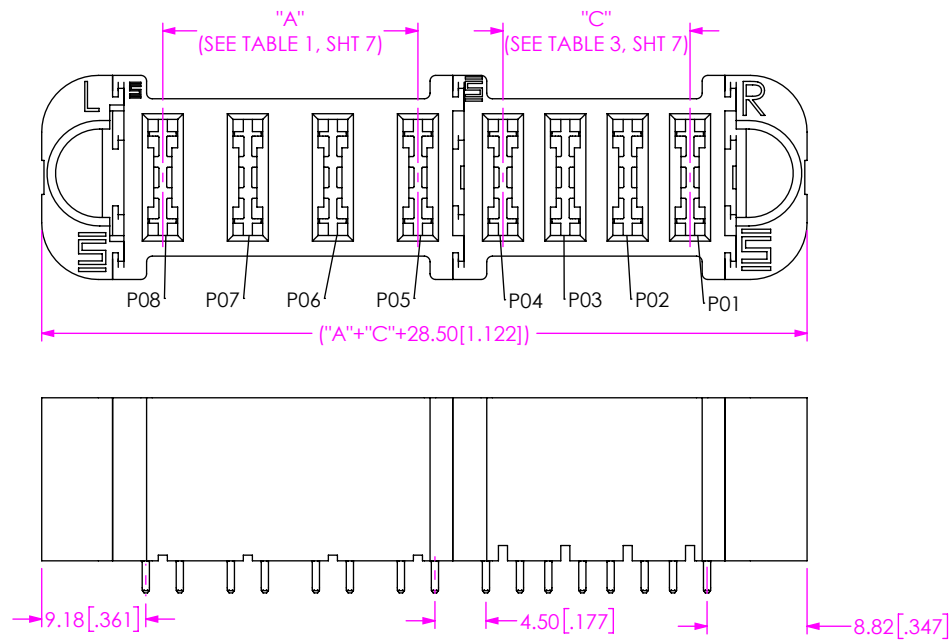


FIG 7
ET60S-D04-0-00-A04-X-VP-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

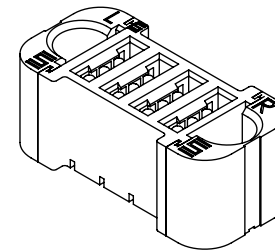
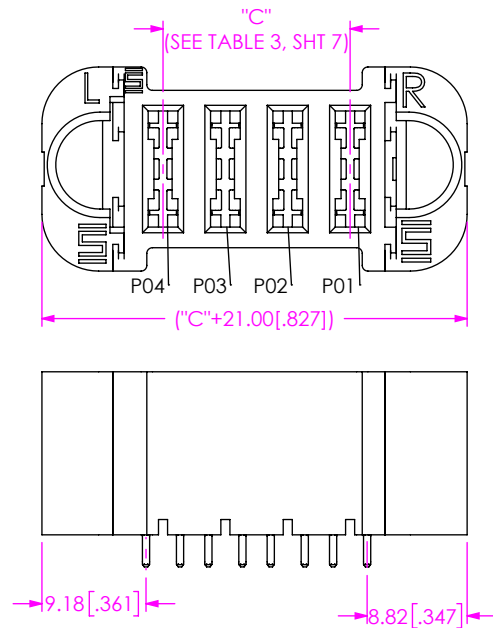


FIG 8
ET60S-D04-0-00-000-X-VP-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

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DESCRIPTION:
ET60 VERTICAL POWER/SIGNAL SOCKET

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

BY: TOBIN Q 9/4/2023 SHEET 5 OF 9

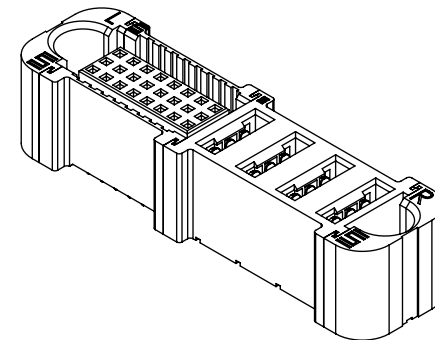
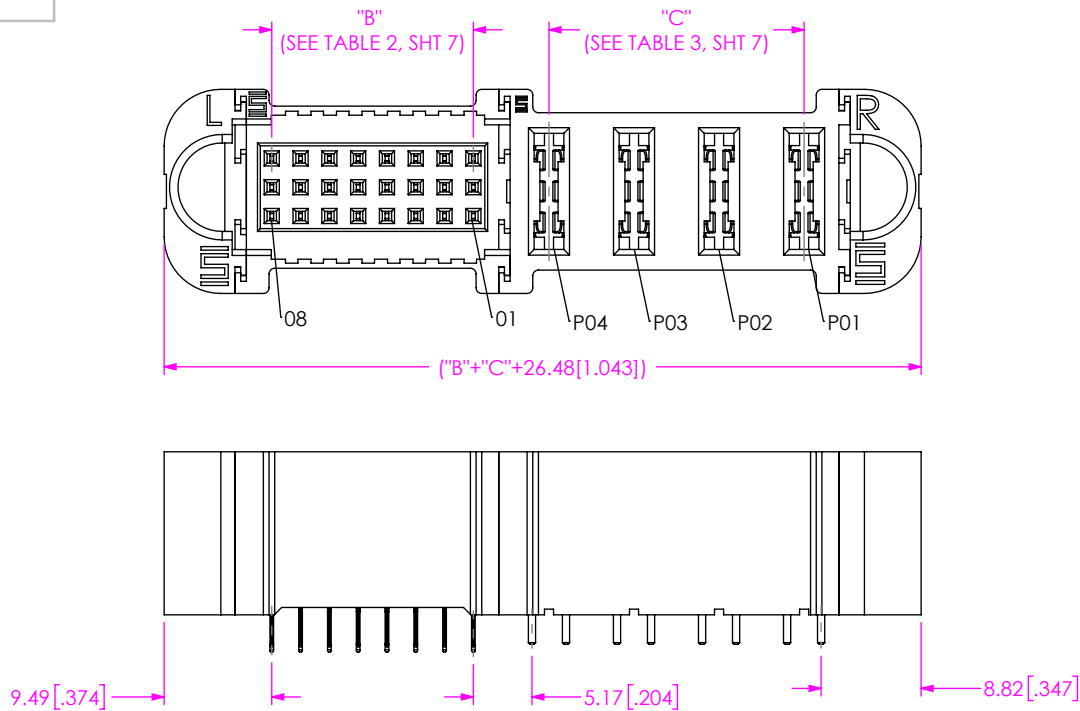


FIG 9
ET60S-A04-3-08-000-X-VP-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 2)

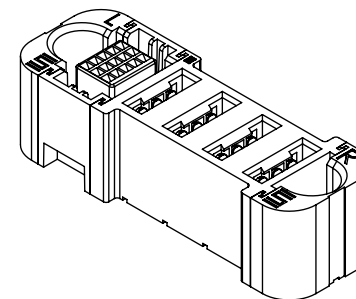
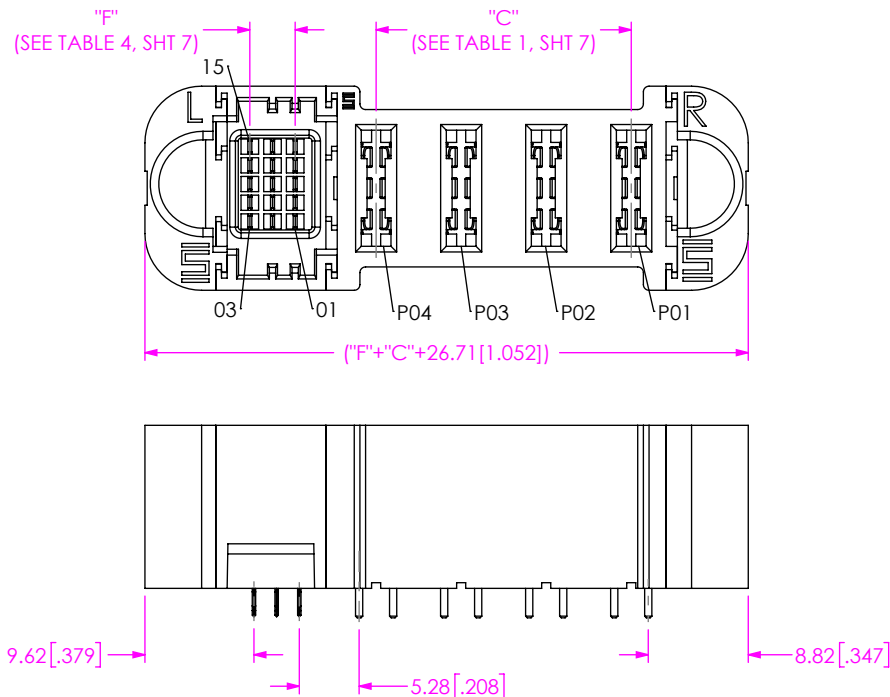


FIG 10
ET60S-A04-5-03-000-X-VP-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

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DESCRIPTION:
ET60 VERTICAL POWER/SIGNAL SOCKET

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

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

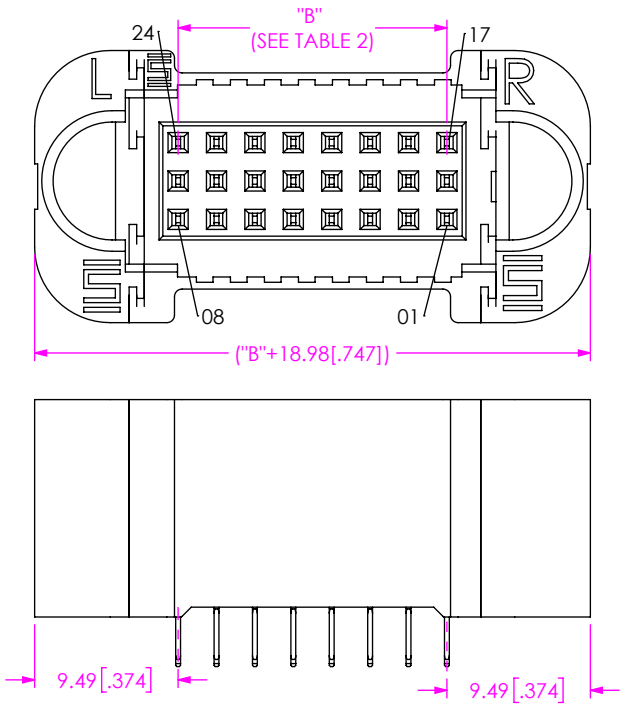


FIG 11
ET60S-000-3-08-000-X-VP-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

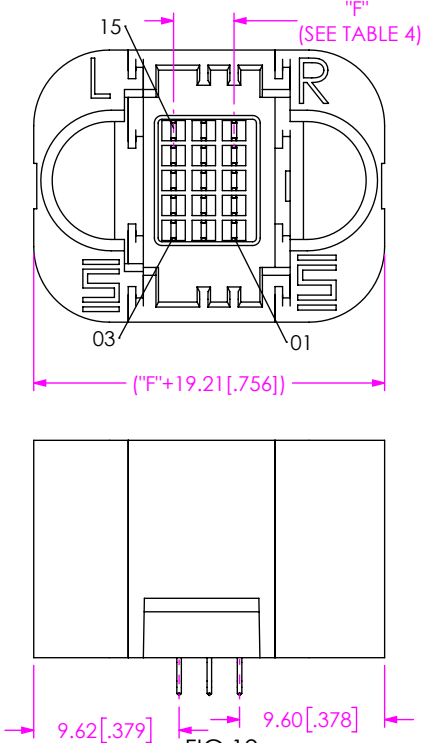


FIG 12
ET60S-000-5-03-000-X-VP-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

TABLE 1 (SEE NOTE 3)		
POWER POS (LEFT)	"A"	
	AC POWER	DC POWER
-01	N/A	N/A
-02	7.50 [.295]	5.50 [.217]
-03	15.00 [.591]	11.00 [.433]
-04	22.50 [.886]	16.50 [.650]
-05	30.00 [1.181]	22.00 [.866]
-06	37.50 [1.476]	27.50 [1.083]
-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 PER ROW (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"	
	AC POWER	DC POWER
-01	N/A	N/A
-02	7.50 [.295]	5.50 [.217]
-03	15.00 [.591]	11.00 [.433]
-04	22.50 [.886]	16.50 [.650]
-05	30.00 [1.181]	22.00 [.866]
-06	37.50 [1.476]	27.50 [1.083]
-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 PER ROW (5 ROWS)	"F"
-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				
SIGNAL POS	3 ROWS		5 ROWS	
	"D"	"E"	"D"	"G"
-VP	2.83 [.111]	3.28 [.129]	2.83 [.111]	2.50 [.098]
-V1	2.60 [.102]	3.28 [.129]	N/A	N/A
-V2	3.38 [.133]	4.06 [.160]	N/A	N/A

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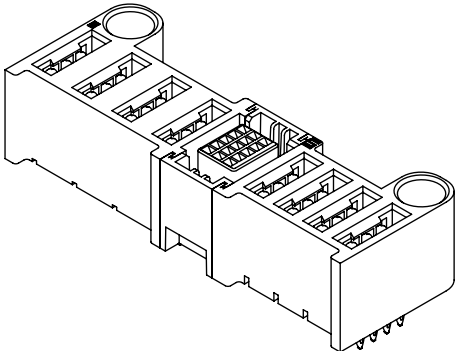
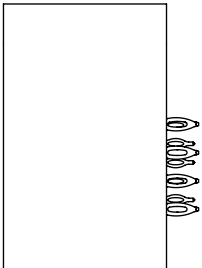
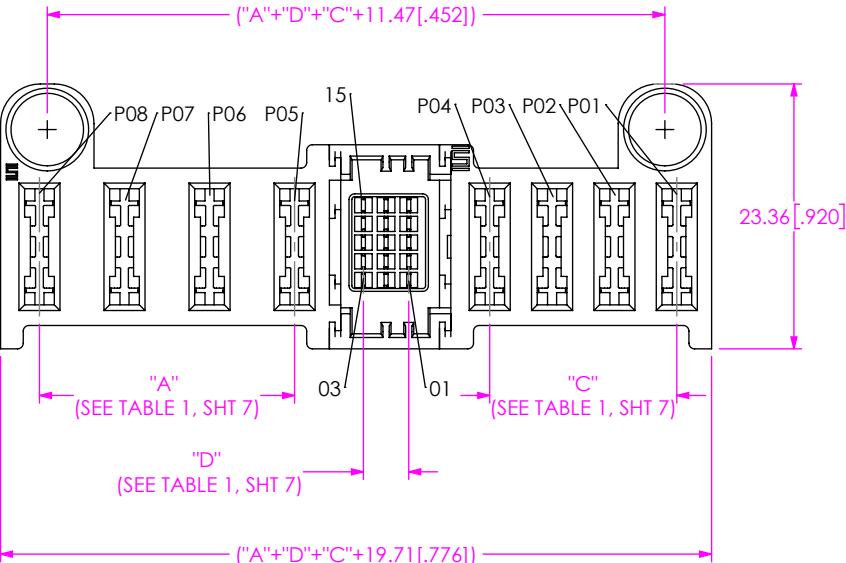
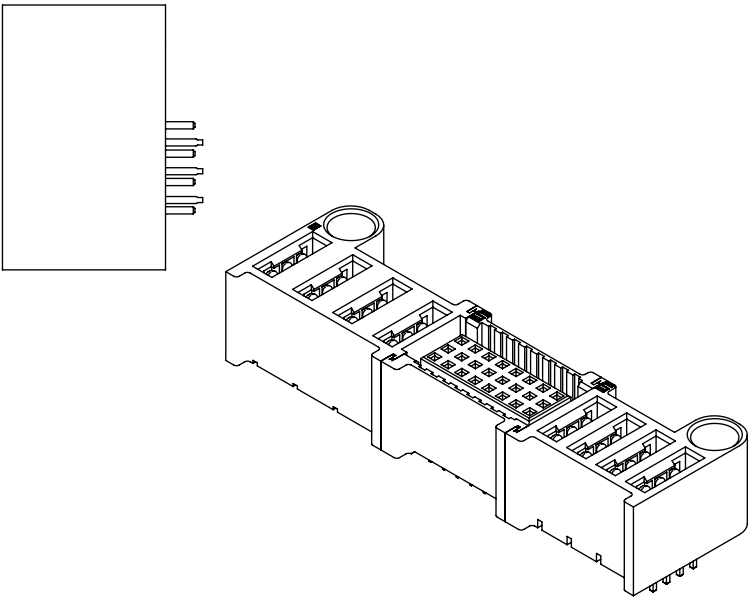
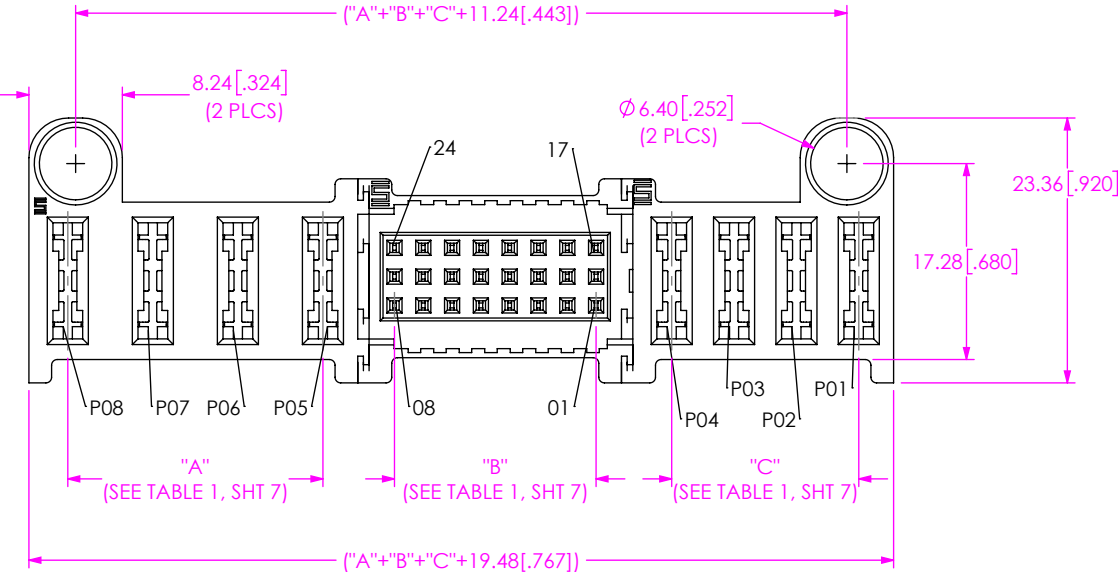
SHEET SCALE: 2:1

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PHONE: 812-944-6733 FAX: 812-948-5047
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DESCRIPTION:
ET60 VERTICAL POWER/SIGNAL SOCKET

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

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



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SHEET SCALE: 3:2		DESCRIPTION: ET60 VERTICAL POWER/SIGNAL SOCKET	
		DWG. NO. ET60S-XXX-X-XX-XXX-X-VX-X	
BY: TOBIN Q		9/4/2023	SHEET 8 OF 9

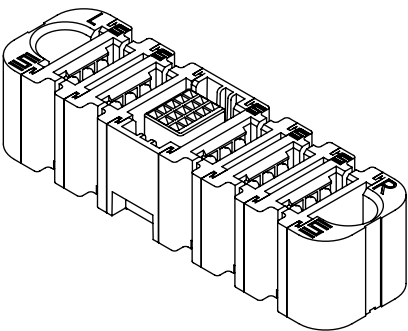
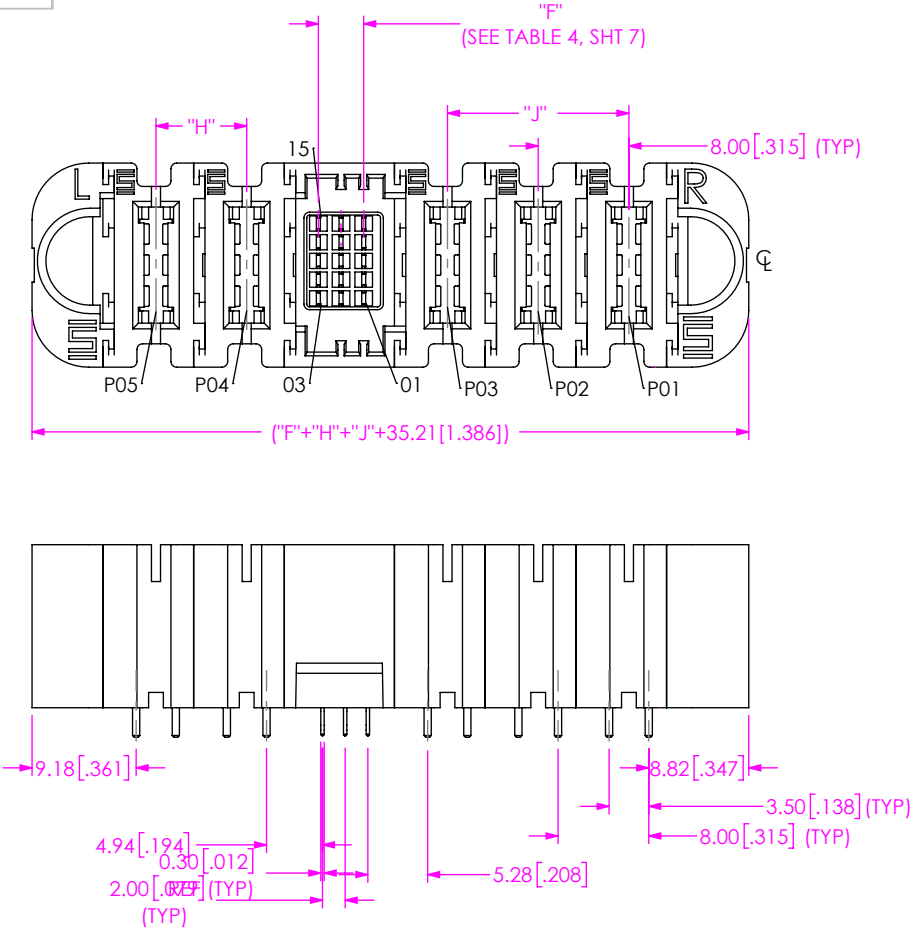


FIG 15
ET60S-S03-5-03-S02-X-VP-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

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

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

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SHEET SCALE: 1.5:1



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