REVISION T

DESIGNED AND DIMENSIONED IN MILLIMETERS[INCHES]
ALL DIMENSIONS REFERENCE EXCEPT AS SHOWN

ET60T-XXX-X-XX-XXX-X-RX-X-X

POWER OPTION (LEFT)
-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

SIGNAL POS PER ROW
-00: NO SIGNAL
-XX: SEE NOTE 4

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

(* =NOT RELEASED)

OPTIONS
-H: HOT SWAP
   (NOT RELEASED FOR -5 SIGNAL ROW)
   (LEAVE BLANK FOR NO HOT SWAP)
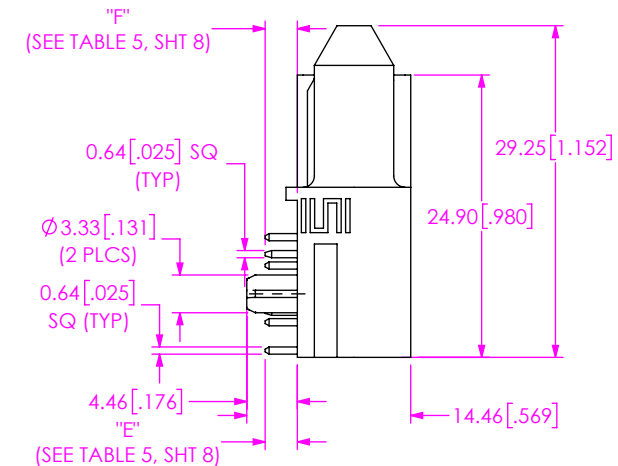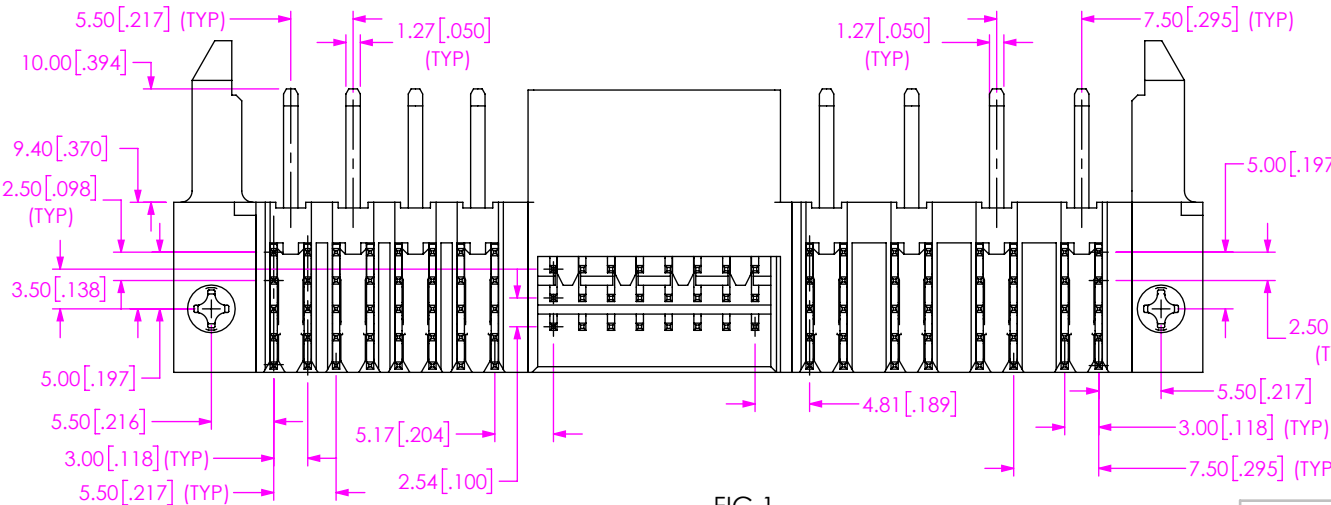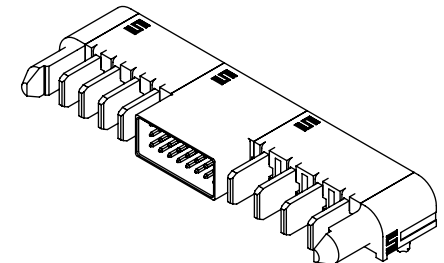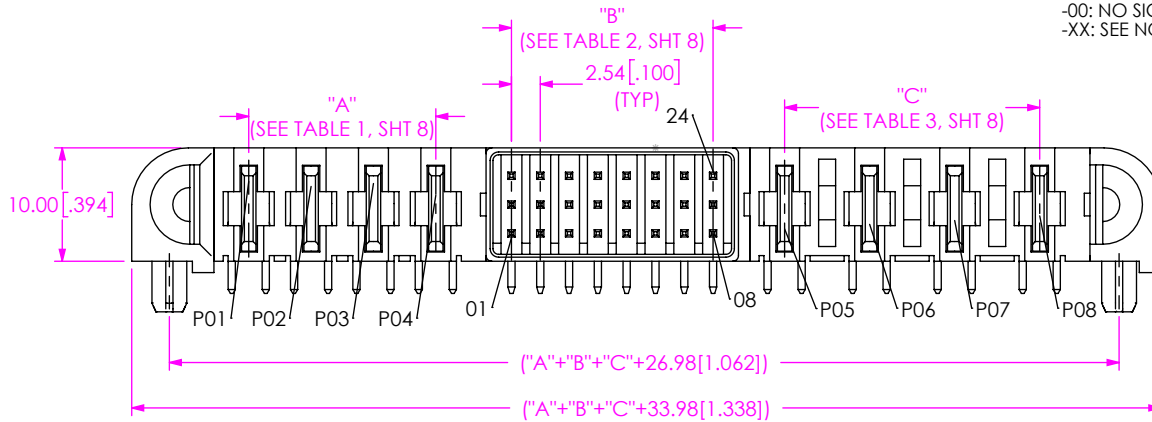
GUIDE POST
(MUST CHOOSE ONE)
   -T: TOP (NOT AVAILABLE WITH -SXX)
   -S: SIDE

TAIL
-R1: FOR .062" PCB
-R2: FOR .093" PCB
   (NOT AVAILABLE FOR -3 SIGNAL ROW)
-RP: PRESS FIT
   (NOT AVAILABLE FOR -3 SIGNAL ROW))

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

"A" (SEE TABLE 1, SHT 8)
"B" (SEE TABLE 2, SHT 8)
"C" (SEE TABLE 3, SHT 8)
2.54[.100] (TYP)
10.00[.394]
24
P01 P02 P03 P04 01 08 P05 P06 P07 P08
("A"+"B"+"C"+26.98[1.062])
("A"+"B"+"C"+33.98[1.338])

FIG 1
ET60T-D04-3-08-A04-X-R1-S SHOWN

5.50[.217] (TYP)
1.27[.050] (TYP)
1.27[.050] (TYP)
7.50[.295] (TYP)
10.00[.394]
9.40[.370]
2.50[.098] (TYP)
3.50[.138]
5.00[.197]
5.50[.216]
3.00[.118] (TYP)
5.50[.217] (TYP)
5.17[.204]
2.54[.100]
5.00[.197]
4.81[.189]
2.50[.098] (TYP)
5.50[.217]
3.00[.118] (TYP)
7.50[.295] (TYP)

"F" (SEE TABLE 5, SHT 8)
29.25[1.152]
24.90[.980]
0.64[.025] SQ (TYP)
Ø3.33[.131] (2 PLCS)
0.64[.025] SQ (TYP)
4.46[.176]
"E" (SEE TABLE 5, SHT 8)
14.46[.569]

NOTES:
1. SEE PRODUCT SPECIFICATION FOR CONNECTOR PRESS FIT INSTRUCTIONS AND REQUIRED FIXTURES.
2. ASSEMBLIES TO BE PACKAGED IN TRAYS.
3. -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.
4. -3 ROWS: *-02, *-04, *-06, *-08, *-10, *-12;
   -5 ROWS: -01, -02, -03, -04, -05, -06, -07, -08
5. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.

DO NOT SCALE DRAWING
SHEET SCALE: 3:2

MATERIAL:
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 HEADER

DWG. NO.
ET60T-XXX-X-XX-XXX-X-RX-X-X

F:\DWG\MISC\MKTG\ET60T-XXX-X-XX-XXX-X-RX-X-X-MKT.SLDDRW

BY: TOBIN Q   8/30/2023   SHEET 1 OF 11

"B"
(SEE TABLE 2, SHT 8)

"C"
(SEE TABLE 3, SHT 8)

24

01   08   P01   P02   P03   P04

("B"+"C"+19.48[.767])

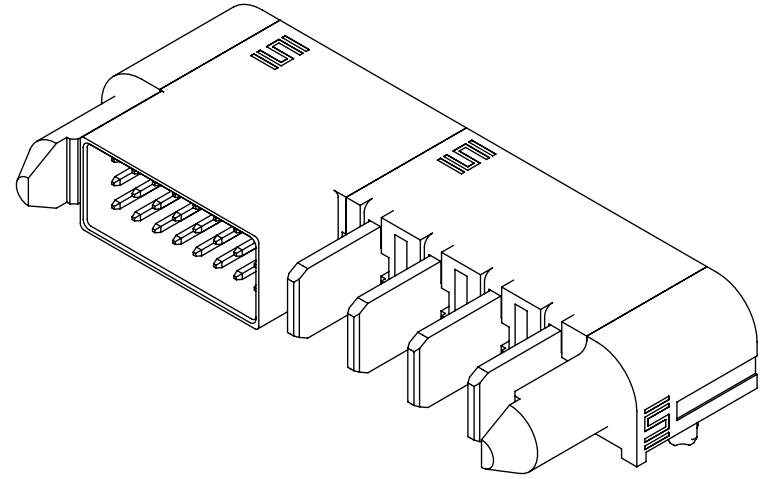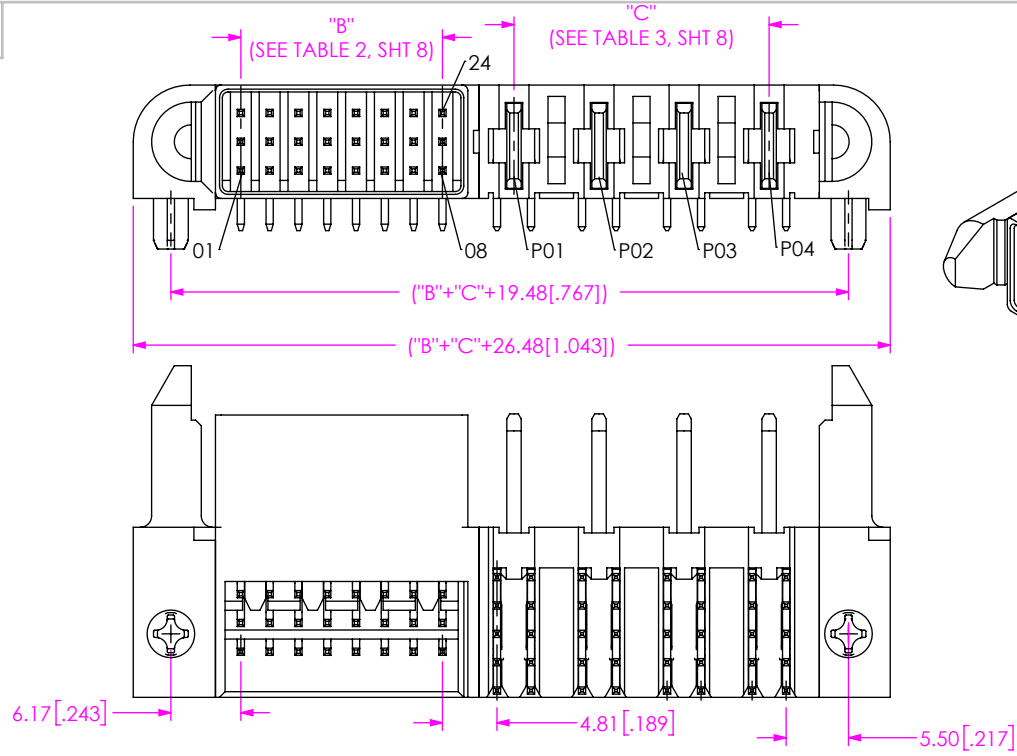("B"+"C"+26.48[1.043])

6.17[.243]

4.81[.189]

5.50[.217]

FIG 2
ET60T-000-3-08-A04-X-R1-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

"A"
(SEE TABLE 1, SHT 8)

"B"
(SEE TABLE 2, SHT 8)

24

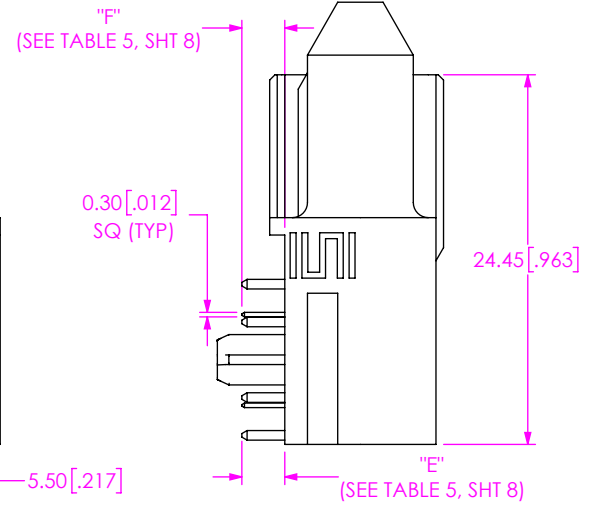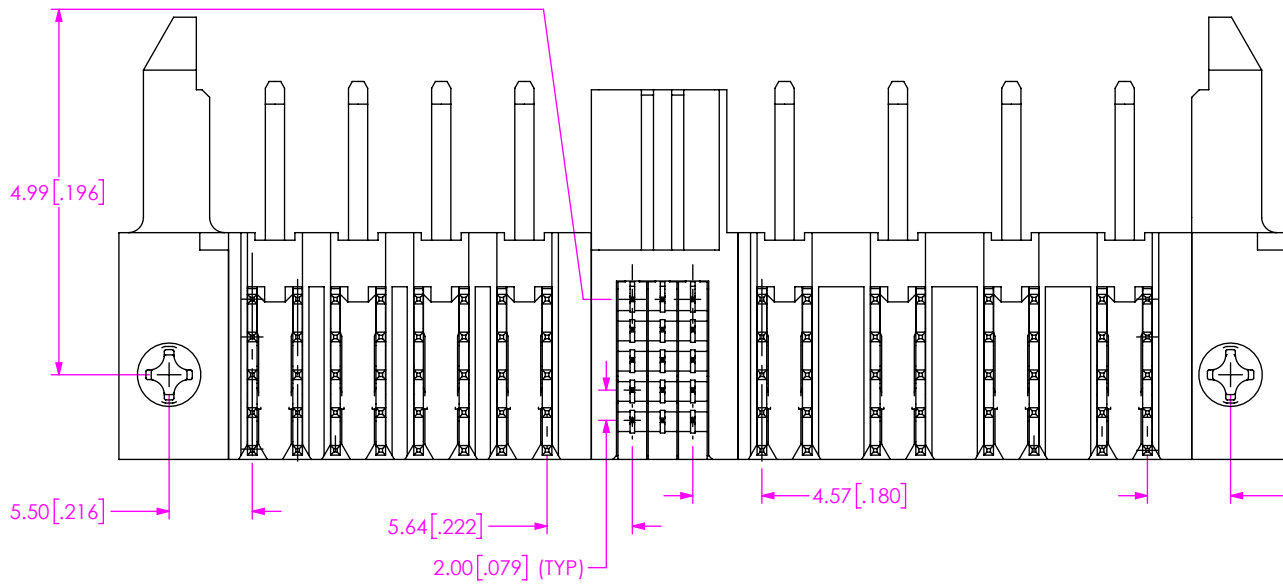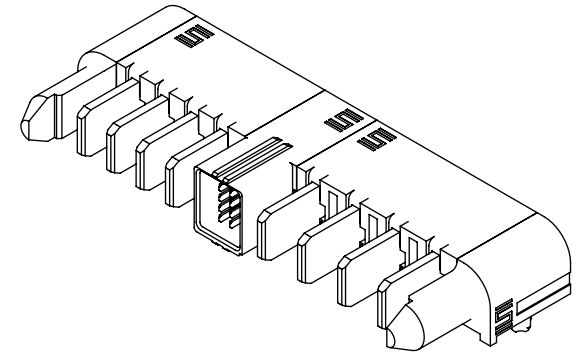P01   P02   P03   P04   01   08

("A"+"B"+19.48[.767])

("A"+"B"+26.48[1.043])

5.50[.216] REF

5.17[.203]

5.81[.229]
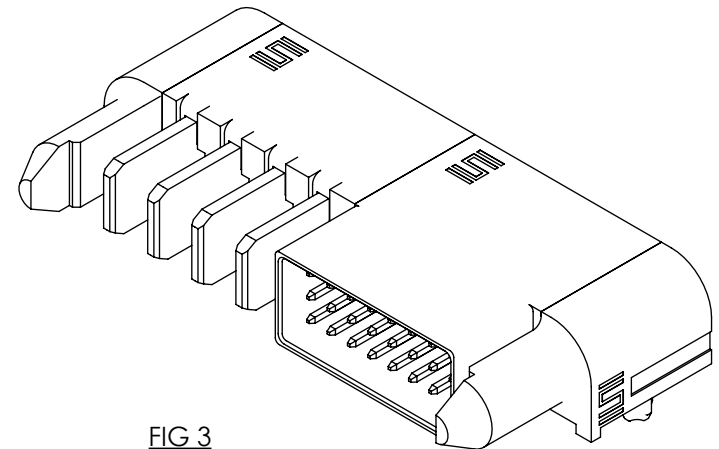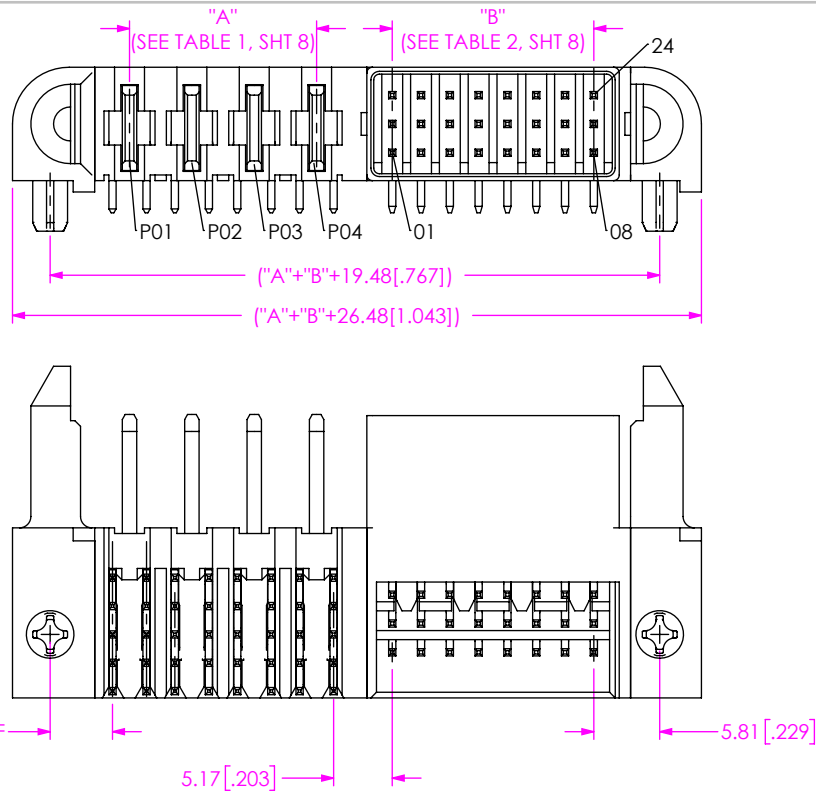
FIG 3
ET60T-D04-3-08-000-X-R1-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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SHEET SCALE: 3:2

DESCRIPTION:
ET60 RA POWER/SIGNAL HEADER

DWG. NO.
ET60T-XXX-X-XX-XXX-X-RX-X-X
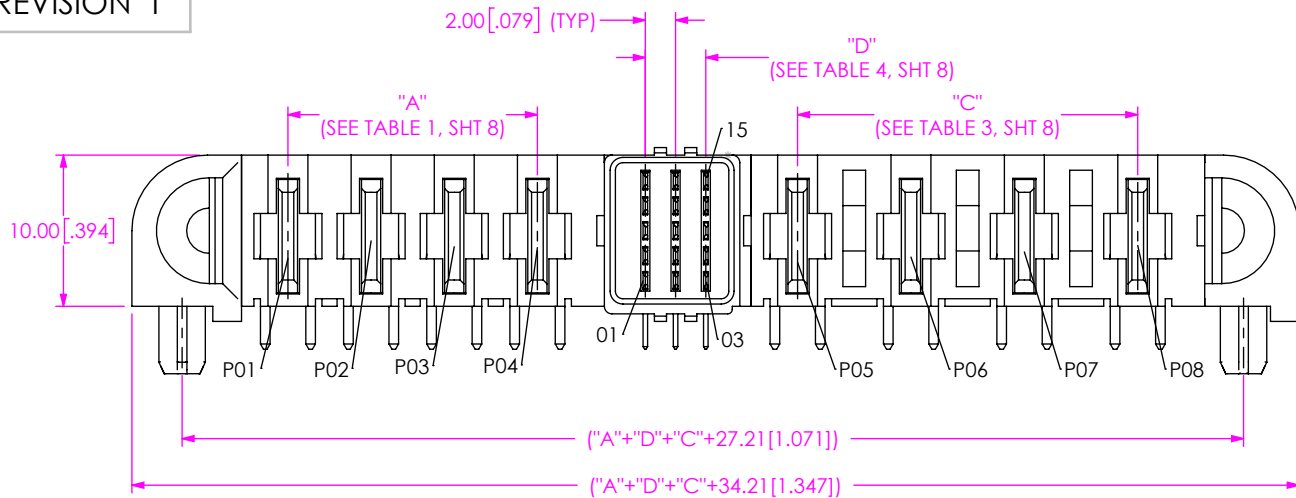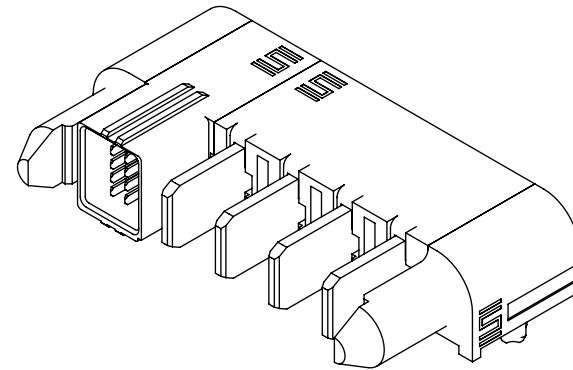
BY: TOBIN Q   8/30/2023   SHEET 2 OF 11
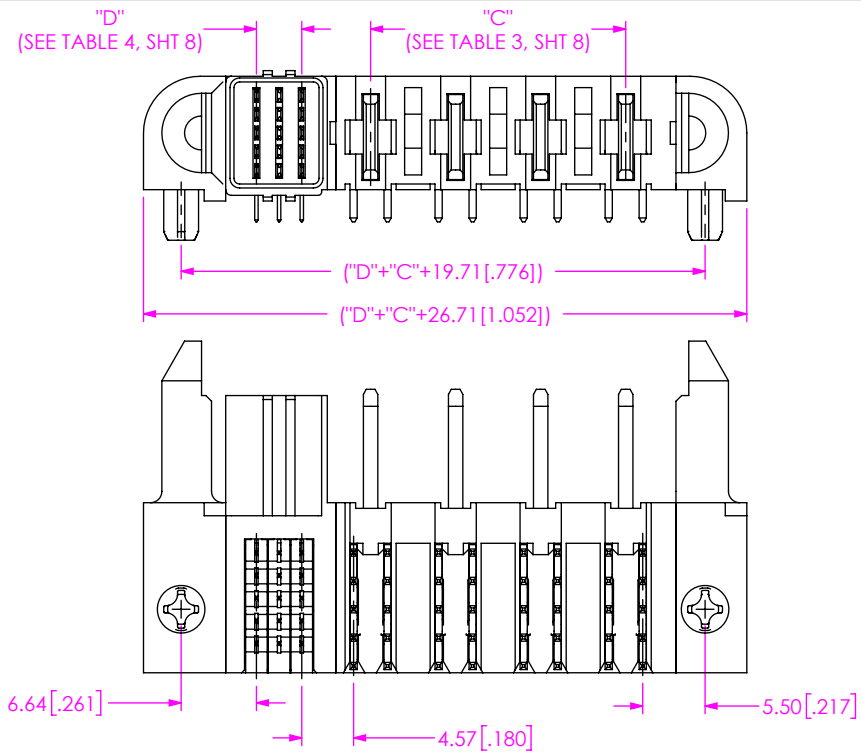
F:\DWG\MISC\MKTG\ET60T-XXX-X-XX-XXX-X-RX-X-X-MKT.SLDDRW

REVISION T

2.00[.079] (TYP)

"D"
(SEE TABLE 4, SHT 8)

"A"
(SEE TABLE 1, SHT 8)

"C"
(SEE TABLE 3, SHT 8)

15

10.00[.394]

01   03

P01   P02   P03   P04   P05   P06   P07   P08

("A"+"D"+"C"+27.21[1.071])

("A"+"D"+"C"+34.21[1.347])

4.99[.196]

"F"
(SEE TABLE 5, SHT 8)

0.30[.012]
SQ (TYP)

24.45[.963]

5.50[.216]

5.64[.222]

4.57[.180]

5.50[.217]

"E"
(SEE TABLE 5, SHT 8)

2.00[.079] (TYP)

FIG 4
ET60T-D04-5-03-A04-X-RX-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

SHEET SCALE: 3:2

DESCRIPTION:
ET60 RA POWER/SIGNAL HEADER

DWG. NO.
ET60T-XXX-X-XX-XXX-X-RX-X-X

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"D"
(SEE TABLE 4, SHT 8)

"C"
(SEE TABLE 3, SHT 8)

("D"+"C"+19.71[.776])

("D"+"C"+26.71[1.052])

6.64[.261]

4.57[.180]

5.50[.217]

FIG 5
ET60T-000-5-03-A04-X-RX-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

"A"
(SEE TABLE 1, SHT 8)

"D"
(SEE TABLE 4, SHT 8)

15

P01 P02 P03 P04 01 03

("A"+"D"+19.71[.776])

("A"+"D"+26.71[1.052])

5.50[.216]

5.64[.222]

5.57[.219]

FIG 6
ET60T-D04-5-03-000-X-RX-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

SHEET SCALE: 3:2

DESCRIPTION:
ET60 RA POWER/SIGNAL HEADER

DWG. NO.
ET60T-XXX-X-XX-XXX-X-RX-X-X

BY: TOBIN Q   8/30/2023   SHEET 4 OF 11

F:\DWG\MISC\MKTG\ET60T-XXX-X-XX-XXX-X-RX-X-X-MKT.SLDDRW

"A"
(SEE TABLE 1, SHT 8)

"C"
(SEE TABLE 3, SHT 8)

P01 P02 P03 P04   P05   P06 P07 P08

("A"+"C"+21.50[.846])

("A"+"C"+28.50[1.122])

5.50[.217]

4.50[.177]

5.50[.217]

FIG 7
ET60T-D04-0-00-A04-X-R1-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

"A"
(SEE TABLE 1, SHT 8)
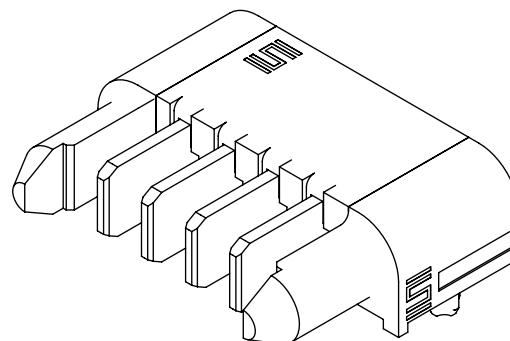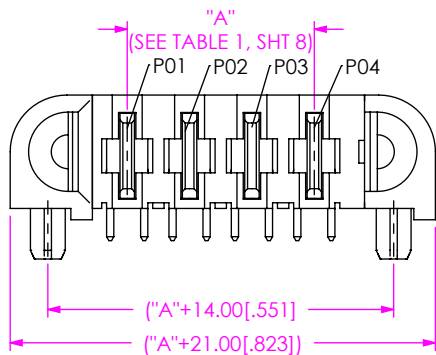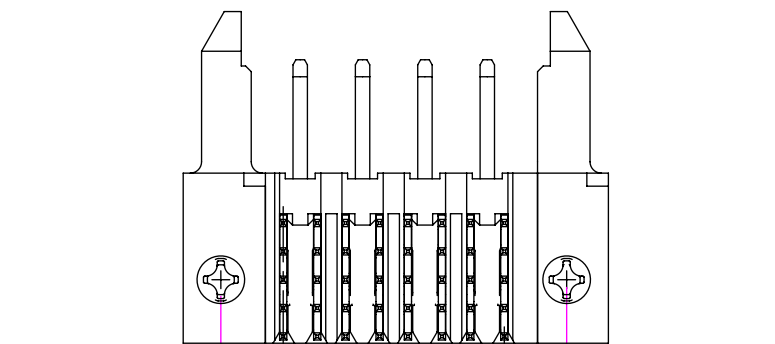
P01 P02 P03 P04

("A"+14.00[.551])
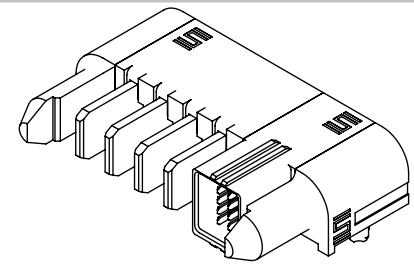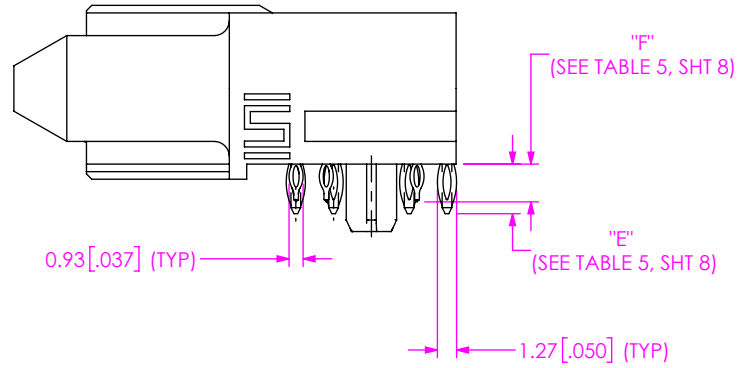
("A"+21.00[.823])

5.50[.217]

5.50[.217]

FIG 8
ET60T-D04-0-00-000-X-R1-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

SHEET SCALE: 3:2

DESCRIPTION:
ET60 RA POWER/SIGNAL HEADER

DWG. NO.
ET60T-XXX-X-XX-XXX-X-RX-X-X

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F:\DWG\MISC\MKTG\ET60T-XXX-X-XX-XXX-X-RX-X-X-MKT.SLDDRW

0.64[.025] (TYP)

0.30[.012] (TYP)

15

P01 P02 P03 P04

01 03

0.93[.037] (TYP)

"F" (SEE TABLE 5, SHT 8)

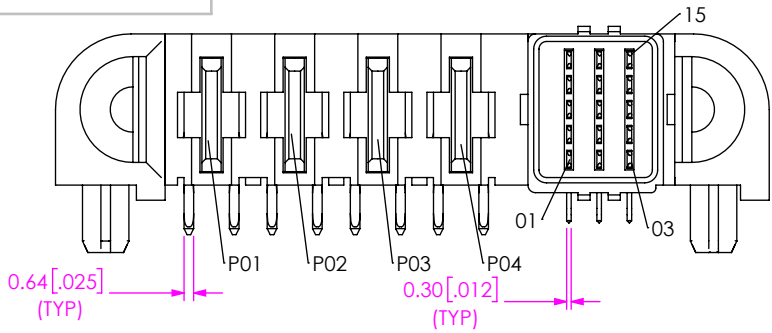"E" (SEE TABLE 5, SHT 8)

1.27[.050] (TYP)

FIG 9
ET60T-D04-5-03-000-X-RP-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

("A"+"B"+"C"+11.24[.443])

7.80[.307]

8.17[.322]

Ø6.00[.236]

P01 P02 P03 P04   24   P05 P06 P07 P08

01   08

"A" (SEE TABLE 1, SHT 8)

"B" (SEE TABLE 2, SHT 8)

"C" (SEE TABLE 3, SHT 8)

("A"+"B"+"C"+19.48[.767])

19.00[.748]

14.98[.590]

17.00[.669]

15.80[.622]

4.40[.173]
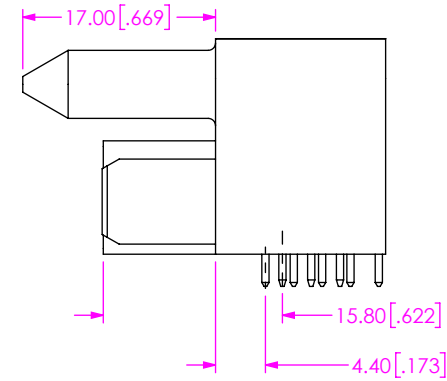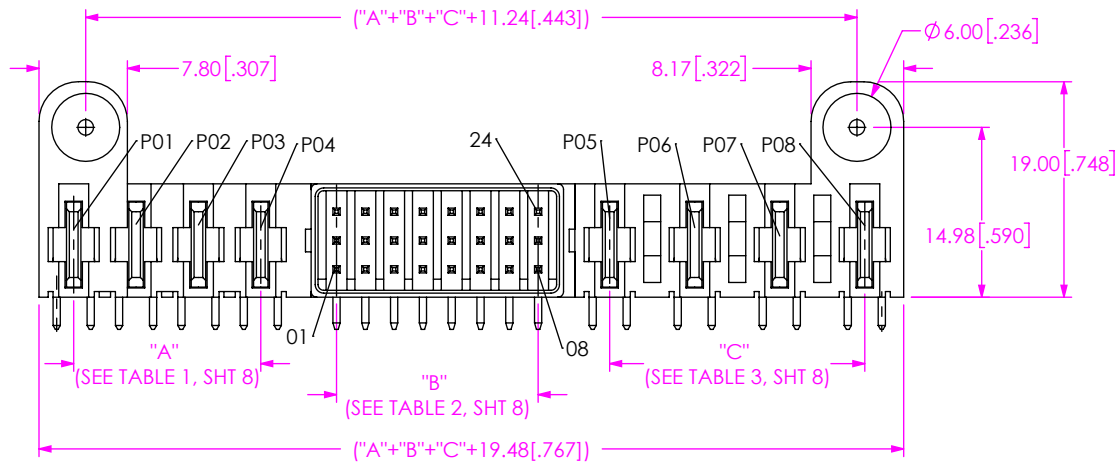
FIG 10
ET60T-D04-3-08-A04-X-R1-T SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

SHEET SCALE: 3:2

DESCRIPTION:
ET60 RA POWER/SIGNAL HEADER

DWG. NO.
ET60T-XXX-X-XX-XXX-X-RX-X-X
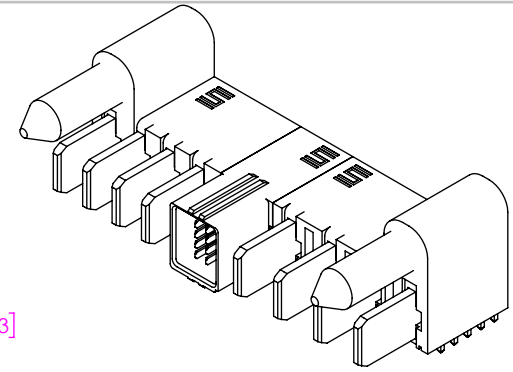
BY: TOBIN Q   8/30/2023   SHEET 6 OF 11

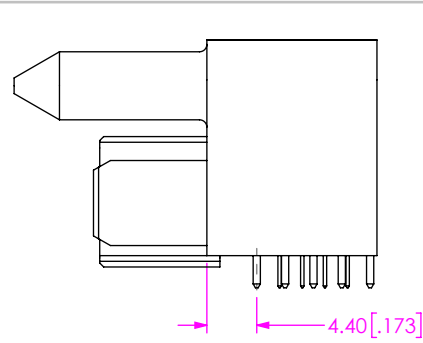REVISION T

("A"+"D"+"C"+11.47[.452])

P01 P02 P03 P04 15 P05 P06 P07 P08

14.98[.590]

01 03

"A"
(SEE TABLE 1, SHT 8)

"C"
(SEE TABLE 1, SHT 8)

"D"(SEE TABLE 4, SHT 8)
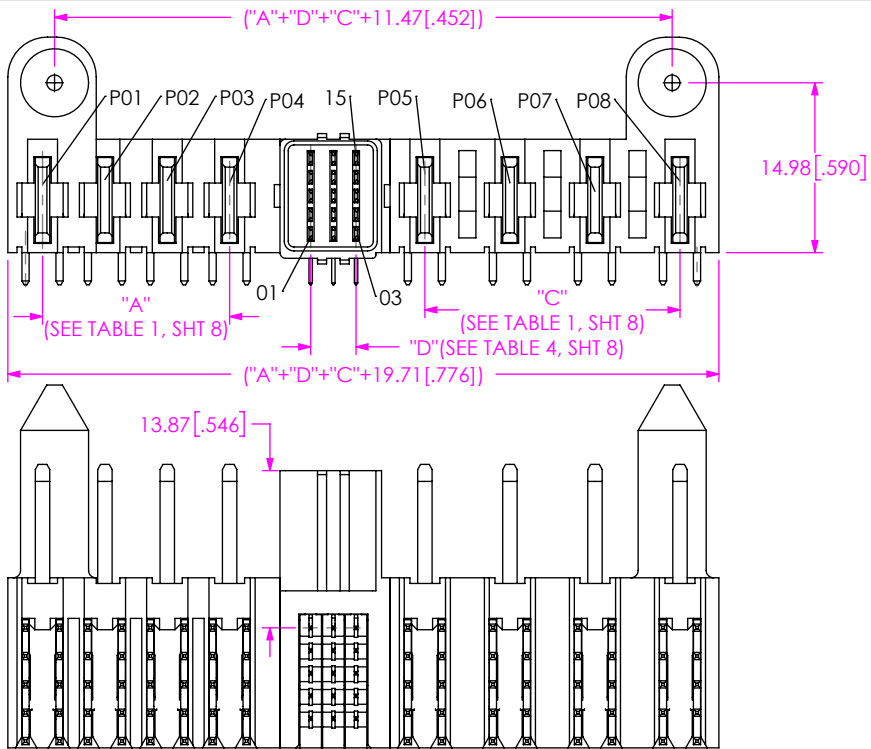
("A"+"D"+"C"+19.71[.776])

13.87[.546]

4.40[.173]

FIG 11
ET60T-D04-5-03-A04-X-RX-T SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

1.83[.072]

3.10[.122]

AC POWER(RIGHT) & RIGHT GUIDE
POST NOT SHOWN FOR CLARITY

10.00[.394]

10.00[.394]

8.00[.315]

8.00[.315]

FIG 12
ET60T-D04-3-08-A04-X-R1-S-H SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

F:\DWG\MISC\MKTG\ET60T-XXX-X-XX-XXX-X-RX-X-X-MKT.SLDDRW

SHEET SCALE: 3:2

DESCRIPTION:
ET60 RA POWER/SIGNAL HEADER

DWG. NO.
ET60T-XXX-X-XX-XXX-X-RX-X-X

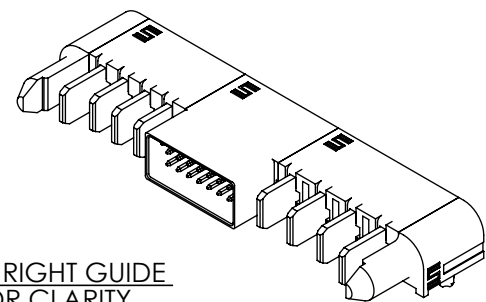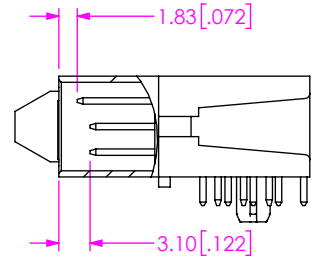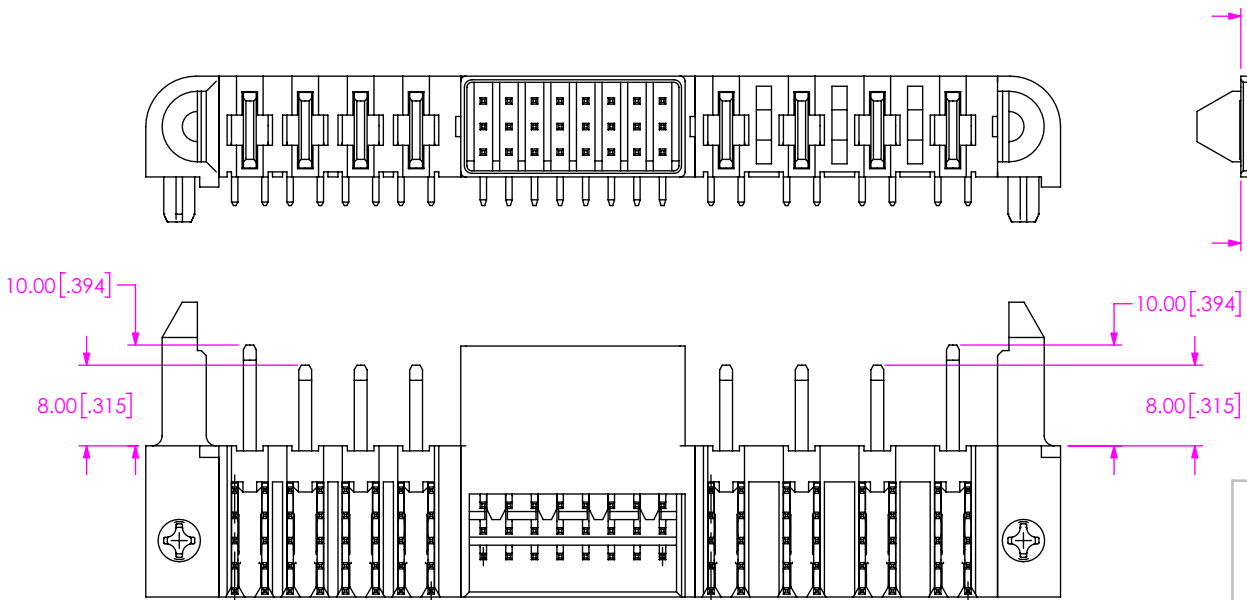BY: TOBIN Q   8/30/2023   SHEET 7 OF 11

1.93[.076]

2.93[.115]

AC POWER(RIGHT) & RIGHT GUIDE
POST NOT SHOWN FOR CLARITY

FIG 13
ET60T-D04-5-03-A04-X-RX-S-H SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 12)

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 7 (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 8 (SEE NOTE 3)

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

TABLE 5

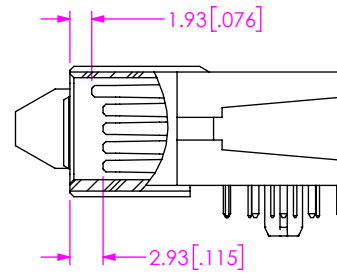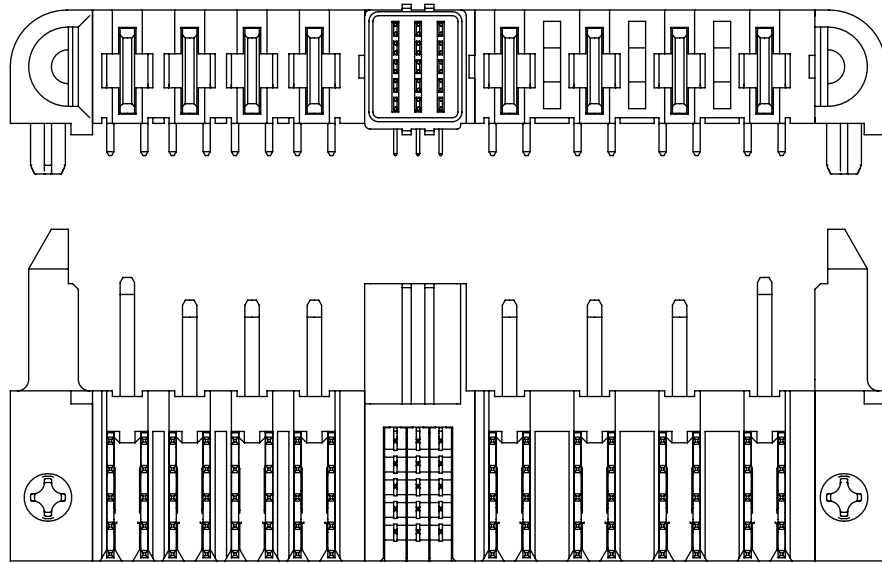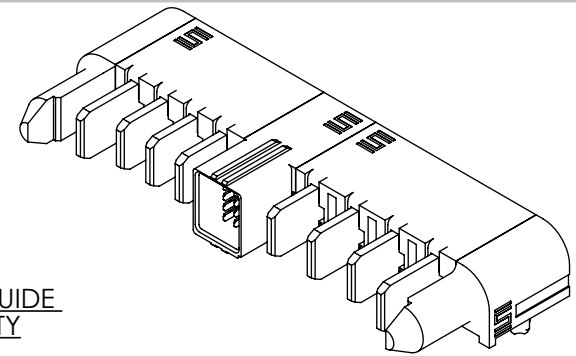| TAIL	"E"	"F"
-R1	2.84 [.112]	2.84 [.112]
-R2	3.61 [.142]	3.41 [.134]
-RP	3.28 [.129]	2.50 [.098]

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

SHEET SCALE: 3:2

DESCRIPTION:
ET60 RA POWER/SIGNAL HEADER

DWG. NO.
ET60T-XXX-X-XX-XXX-X-RX-X-X

BY: TOBIN Q   8/30/2023

"B"
(SEE TABLE 2, SHT 8)

24

01   08

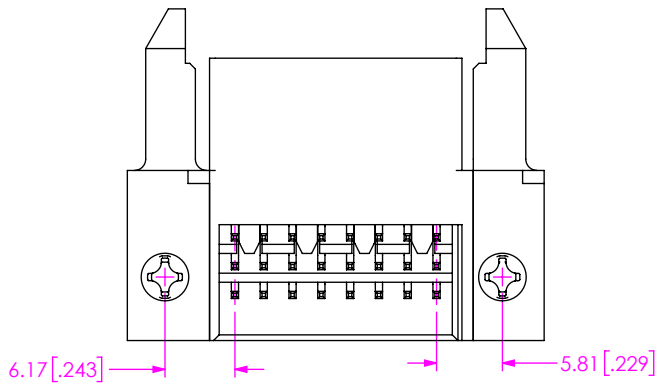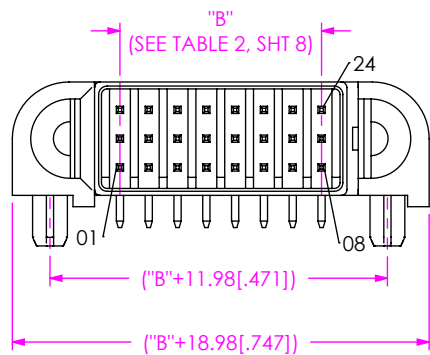("B"+11.98[.471])

("B"+18.98[.747])

6.17[.243]

5.81[.229]

FIG 14
ET60T-000-3-08-000-X-R1-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

"D"
(SEE TABLE 4, SHT 8)

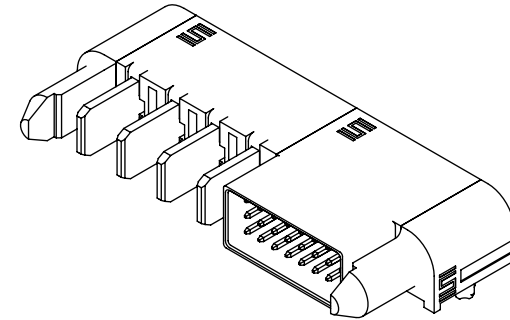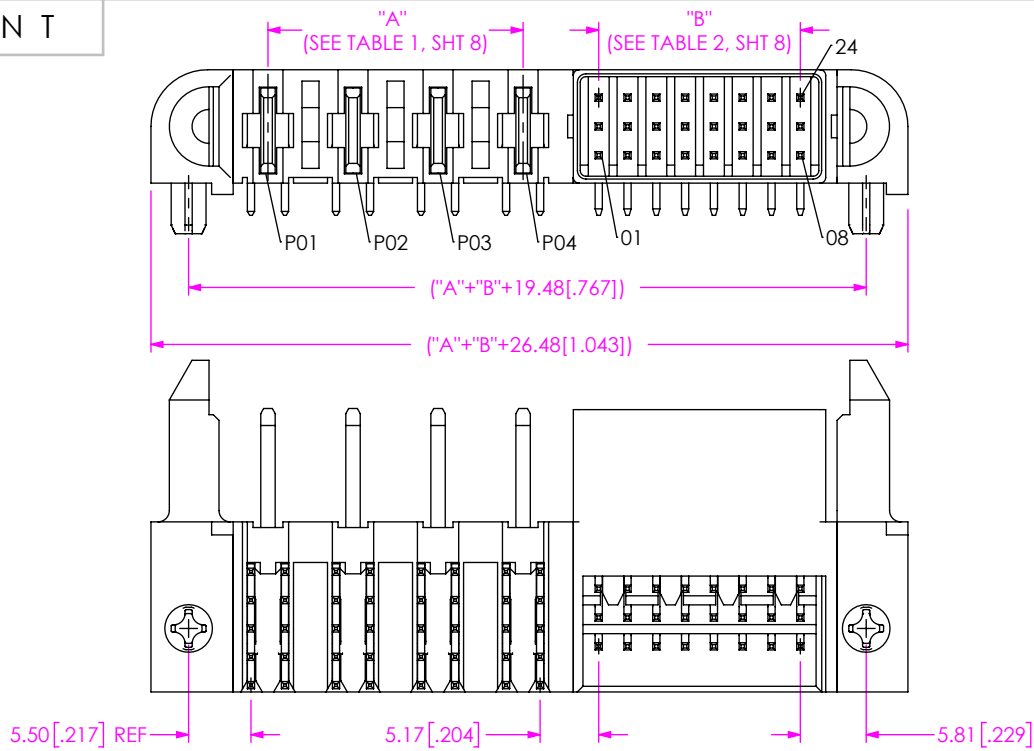15

01   03

("D"+12.21[.481])

("D"+19.21[.756])

6.64[.261]

5.57[.219]
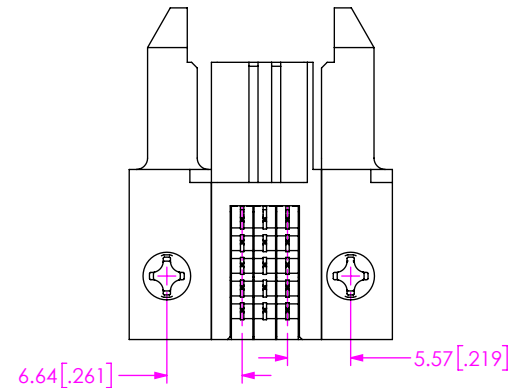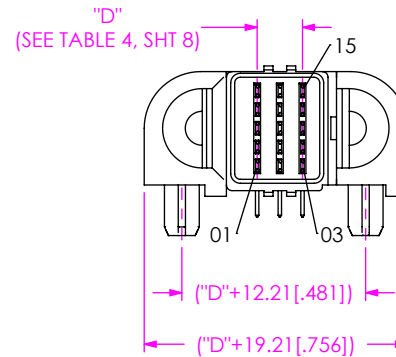
FIG 15
ET60T-000-5-03-000-X-RX-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

SHEET SCALE: 3:2

DESCRIPTION:
ET60 RA POWER/SIGNAL HEADER

DWG. NO.
ET60T-XXX-X-XX-XXX-X-RX-X-X

BY: TOBIN Q   8/30/2023   SHEET 9 OF 11

"A"
(SEE TABLE 1, SHT 8)

"B"
(SEE TABLE 2, SHT 8)

24

P01 P02 P03 P04   01   08

("A"+"B"+19.48[.767])

("A"+"B"+26.48[1.043])

5.50[.217] REF   5.17[.204]   5.81[.229]

FIG 16
ET60T-A04-3-08-000-X-R1-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

"A" REF
(SEE TABLE 1, SHT 8)

"D" REF
(SEE TABLE 4, SHT 8)

15

P01   P02   P03   P04   01   03

("A"+"D"+19.71[.776])

("A"+"D"+26.71[1.052])

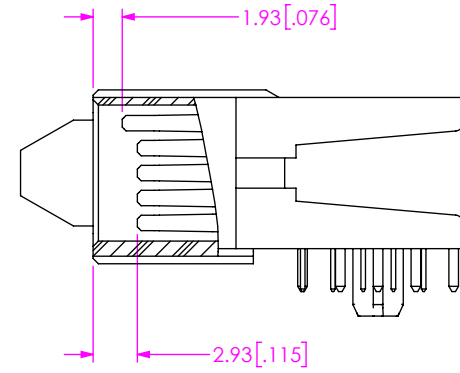5.50[.217]   5.64[.222]   5.57[.219]
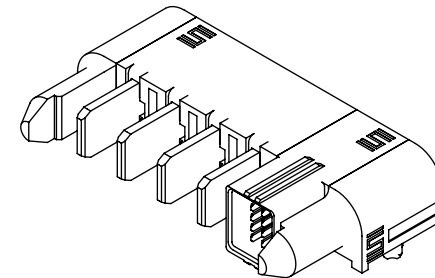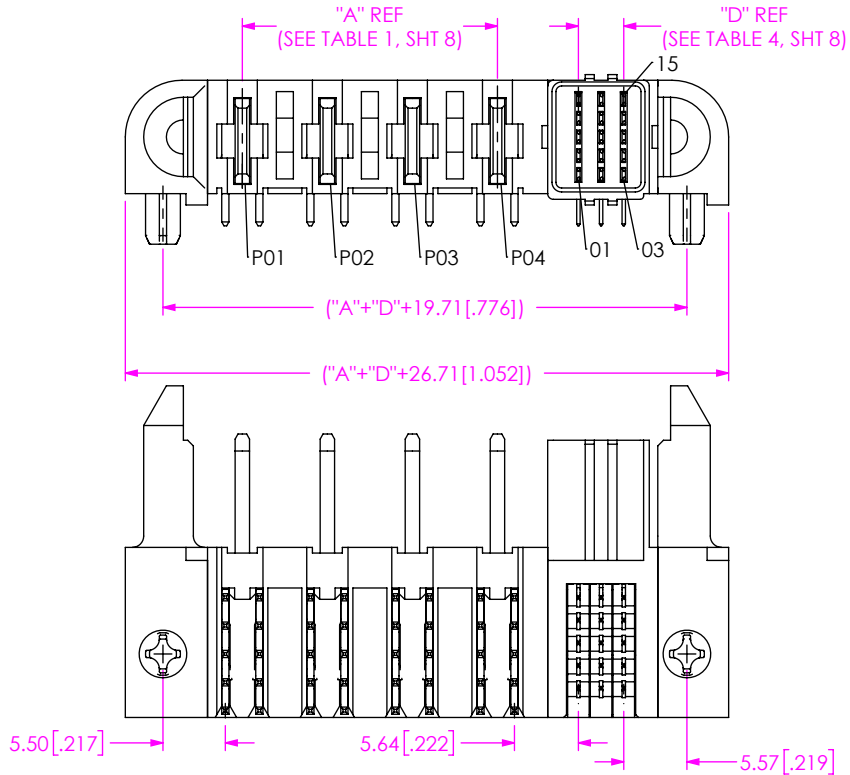
FIG 17
ET60T-A04-5-03-000-X-RX-S SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

samtec

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

SHEET SCALE: 1:1

DESCRIPTION:
ET60 RA POWER/SIGNAL HEADER

DWG. NO.
ET60T-XXX-X-XX-XXX-X-RX-X-X

BY: TOBIN Q   8/30/2023   SHEET 10 OF 11

"D"
(SEE TABLE 4, SHT 8)

"G"
(SEE TABLE 7, SHT 8)

"H"
(SEE TABLE 8, SHT 8)

15

01   03

P01   P02   P03   P04   P05

("D"+"G"+"H"+28.21[1.111])

("D"+"G"+"H"+35.21[1.386])

1.93[.076]

2.93[.115]

SPLIT POWER(RIGHT) & RIGHT GUIDE
POST NOT SHOWN FOR CLARITY

8.00[.315] (TYP)

1.77[.070] (TYP)

8.00[.315]

5.50[.216]

5.64[.222]

4.57[.180]

5.50[.217]

8.00[.315] (TYP)

3.50[.138] (TYP)

FIG 18
ET60T-S03-5-03-S02-X-R1-S-H SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

SHEET SCALE: 3:2

DESCRIPTION:
ET60 RA POWER/SIGNAL HEADER

DWG. NO.
ET60T-XXX-X-XX-XXX-X-RX-X-X

BY: TOBIN Q   8/30/2023   SHEET 11OF 11