REVISION K

RECOMMENDED PCB LAYOUT FOR ET60S-XXX-X-XX-XXXX-X-VX-X

8/7/2023 ECN-461635

DESIGNED & DIMENSIONED IN MILLIMETERS[INCHES]

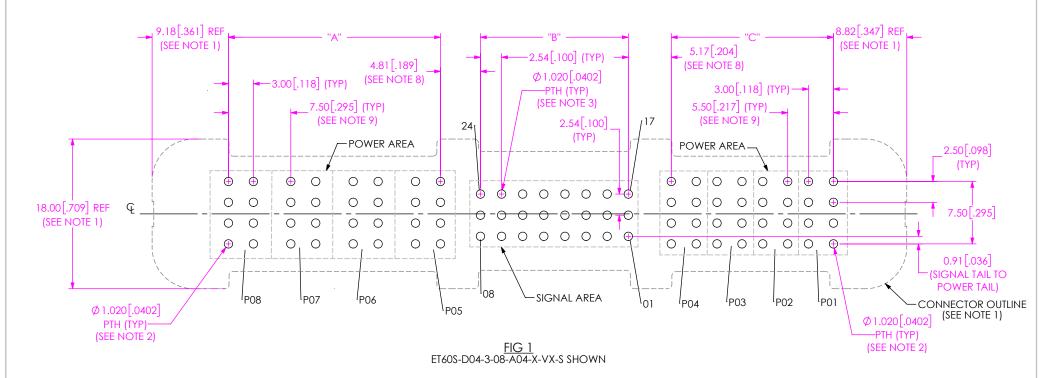


TABLE 1			
(SEE NOTE 6)			
POWER POS	"A"		
(LEFT)	AC POWER	DC POWER	
-01	N/A	N/A	
-02	10.50 [.413]	8.50 [.335]	
-03	18.00 [.709]	14.00 [.551]	
-04	25.50 [1.004]	19.50 [.768]	
-05	33.00 [1.299]	25.00 [.984]	
-06	40.50 [1.594]	30.50 [1.201]	
-07	N/A	36.00 [1.417]	
-08	N/A	41.50 [1.634]	
-09	N/A	47.00 [1.850]	
-10	N/A	52.50 [2.067]	

TABLE 2	
(SEE NOTE 7)	
SIGNAL POS	
PER ROW	"B"
(3 ROWS)	
*-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 6)		
POWER POS	"C"	
(RIGHT)	AC POWER	DC POWER
-01	N/A	N/A
-02	10.50 [.413]	8.50 [.335]
-03	18.00 [.709]	14.00 [.551]
-04	25.50 [1.004]	19.50 [.768]
-05	33.00 [1.299]	25.00 [.984]
-06	40.50 [1.594]	30.50 [1.201]
-07	N/A	36.00 [1.417]
-08	N/A	41.50 [1.634]
-09	N/A	47.00 [1.850]
-10	N/A	52.50 [2.067]

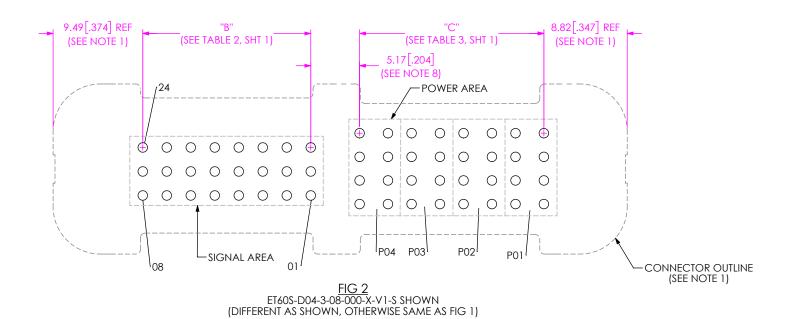
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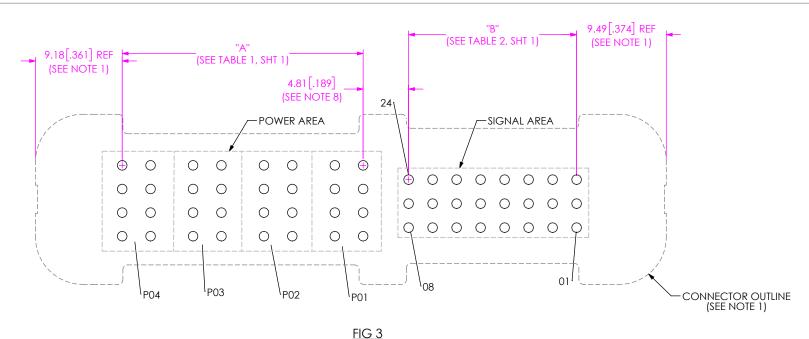
- 1. CONNECTOR ENVELOPE DIMENSIONS. OTHER COMPONENTS PLACED ON PCB SHALL AVOID THIS ZONE.
- 2. EACH POWER POSITION USES 8 PTH'S (2 ROWS OF 4) PER POSITION.
 3. 0.70 FOR 5 ROW SIGNAL POSITIONS, 1.020 FOR 3 ROW SIGNAL ROW POSITIONS.
- 4. NOTE DELETED.
- 5. SEE PRODUCT SPECIFICATION FOR CONNECTOR PRESS FIT INSTRUCTIONS AND REQUIRED FIXTURES.
- 6. -AC POWER: -02, -03, -04, -05, -06.
- K-DC POWER: *-01, -02, -03, -04, -05, -06, -07, -08, -09, -10. SPLIT POWER: *-01, *-02, *-03.
- (*=NOT TOOLED) 7. -3 ROWS: -00, *-02, *-04, *-06, -08, *-10, *-12. -5 ROWS: -00, -01, -02, -03, -04, -05, -06, -07, -08. (*=NOT TOOLED)
- 8. DIMENSION WORKS WITH -AXX & -DXX ON BOTH SIDES.
- 9. 5.50 IS FOR DC POWER, 7.50 IS FOR AC POWER.

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ET60S-000-3-08-A04-X-V1-S SHOWN (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

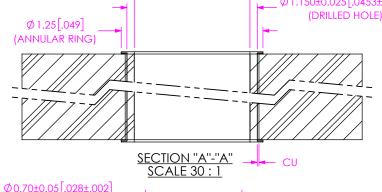
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PROPRIETARY NOTE



RECOMMENDED PCB LAYOUT FOR ET60S-XXX-X-XX-XXX-X-VX-X REVISION K -2.00[.079] (TYP) 8.82[.347] REF 9.18 [.361] REF (SEE TABLE 1, SHT 1) (SEE TABLE 3, SHT 1) (SEE NOTE 1) (SEE NOTE 1) 5.28 [.208] (SEE NOTE 8) 4.94 [.194] (SEE NOTE 8) 113 15 POWER AREA POWER AREA \oplus \oplus \bigcirc 0 0 \oplus 0 0 0 \oplus Ф Φ 0 0 0 0 0 0 0 0 0 0 \circ 0 0 0 \circ 0 0 0 0 0 0 0 0 0 0 0 0 \oplus 0 0 0 \circ 0 0 0 0 0 0 0 0 0 0 \oplus 0.83 [.033] (SIGNAL TAIL TO "B"**▼** POWER TAIL) "B" ¹P04 ¹P03 P06 1_{P02} 1_{P05} l_{P01} CONNECTOR OUTLINE (SEE NOTE 1) 1.65 [.065] (TYP) √ 1.02±0.05 [.040±.002] SIGNAL AREA (PTH) Ø1.150±0.025 [.0453±.0010] (DRILLED HOLE) FIC 1

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SECTION "B"-"B"

SCALE 30:1

(SEE NOTE 3)

 \emptyset 0.93[.037]

(ANNULAR RING

Ø0.840±0.025 [.0331±.0010]

(DRILLED HOLE)

116 4		
ET60S-D04-5-03-A04-X-VP-S SHOWN		
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)		

TABLE 4		
Cu	0.03[.001] MIN	
Sn	0.010[.0004] MIN	
Cu	0.03[.001] MIN	
Ni	0.0030[.00012]	
Au	0.00076[.000003] MIN	
Cu	0.03[.001] MIN	
Ag	0.0010[.00004] MIN	
	Cu Sn Cu Ni Au Cu	

TABLE 5		
(SEE NOTE 7)		
SIGNAL POS PER ROW (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]	

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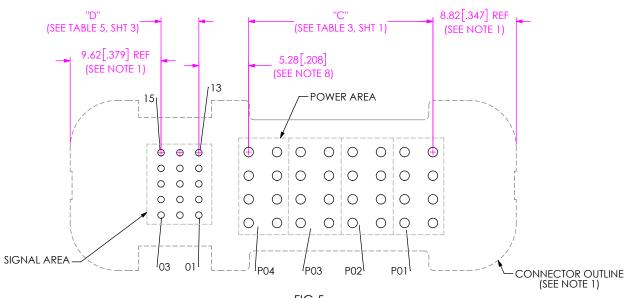


FIG 5 ET60S-D04-5-03-000-X-VP-S SHOWN (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

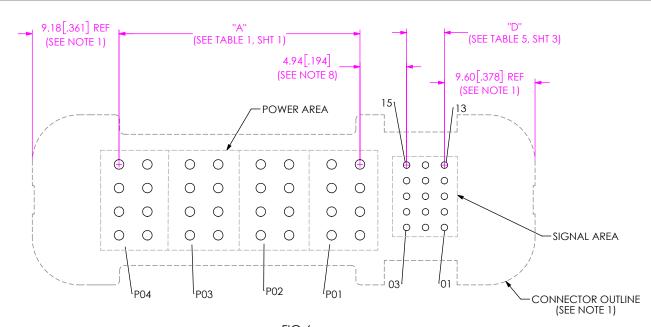


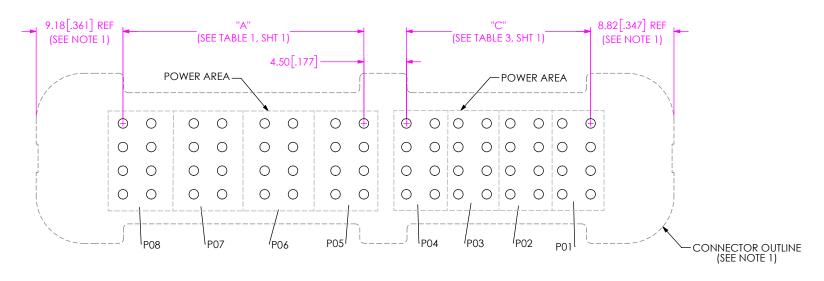
FIG 6 ET60S-000-5-03-A04-X-VP-S SHOWN (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

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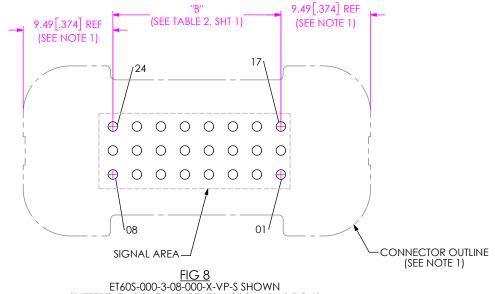
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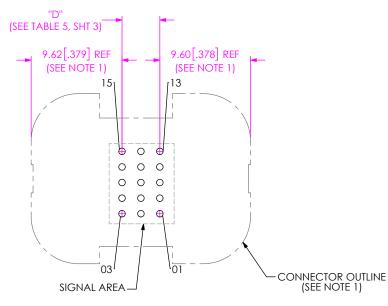
<u>FIG 7</u> ET60S-D04-0-00-A04-X-VP-S SHOWN (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)



(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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<u>FIG 9</u> ET60S-000-5-03-000-X-VP-S SHOWN (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

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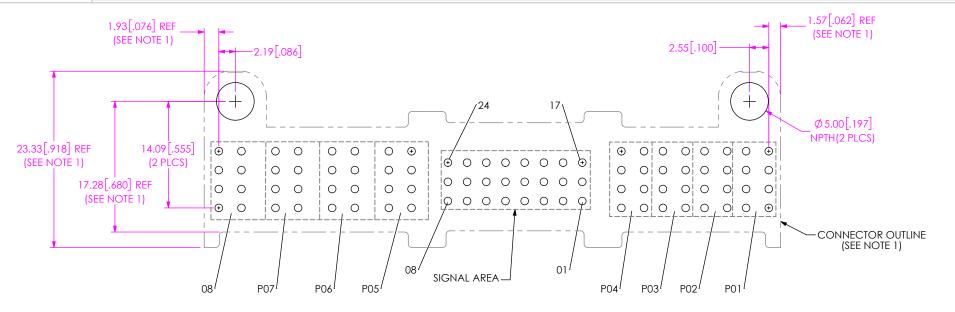
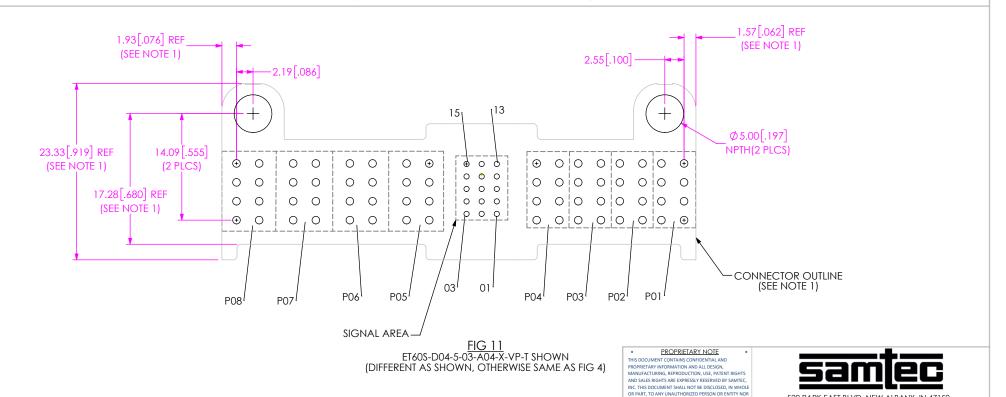


FIG 10 ET60S-D04-3-08-A04-X-VX-T SHOWN (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



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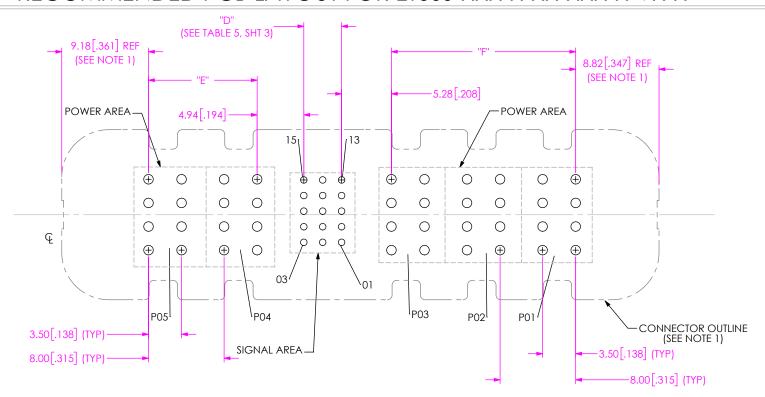
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KFIG 12 ET60S-S03-5-03-S02-X-VX-S SHOWN (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

K

TABLE 6 (SEE NOTE 6)	
NO OF SPLIT	"F"
POWER (LEFT)	
-01	N/A
-02	11.50 [.453]
-03	19.50 [.768]
-04	27.50 [1.083]

K

TABLE 7 (SEE NOTE 6)	
"F"	
L	
N/A	
11.50 [.453]	
19.50 [.768]	
27.50 [1.083]	

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