

REVISION A

RECOMMENDED STRIPLINE PCB LAYOUT FOR BE71A-S-XXXX-X-X-XX-XXXX

A	HW	A WANG
10/29/2025	ECN-25-39196-1	

DESIGNED & DIMENSIONED
IN MILLIMETERS[INCHES]

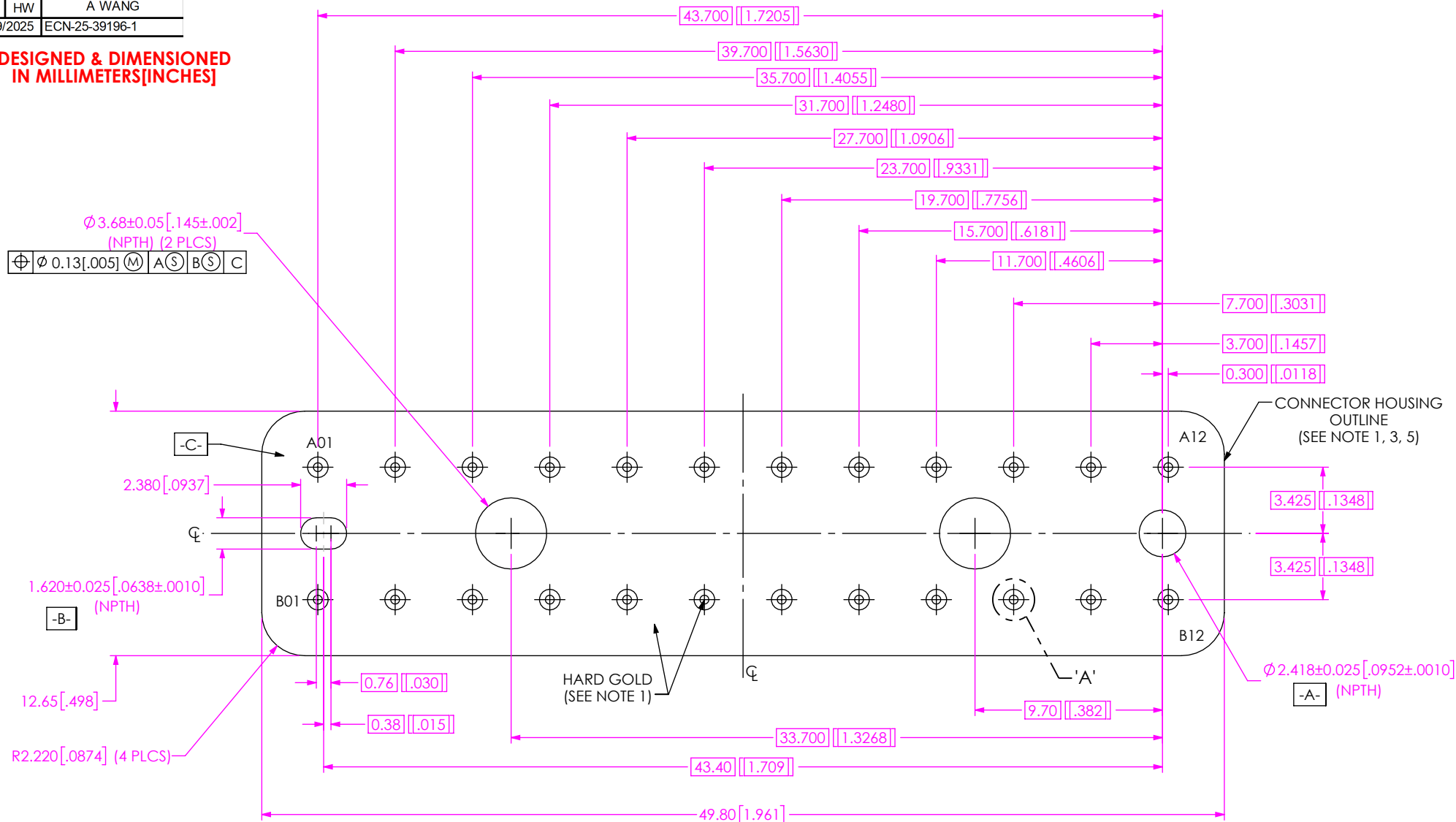
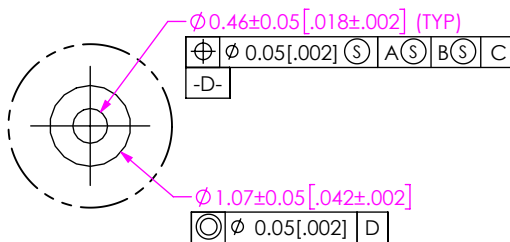


FIG 1
BE71A-S-XXXX-X-2-T2-XXXX LAYOUT

NOTES:

1. PLATING TO BE .000030 INCHES GOLD WITH A HARDNESS OF 130-200 KNOOP PER ASTM B 488 TYPE 2, GRADE C.
2. BACKDRILL SIGNAL VIAS FOR OPTIMUM PERFORMANCE.
3. NO SOLDER MASK PERMITTED WITHIN CONNECTOR HOUSING OUTLINE.
4. DELETED
5. ONLY FILLED VIA-IN-PAD PTH ALLOWED IN THIS REGION.
6. RECOMMEND PCB THICKNESS: .06 INCH - .16 INCH.
FOR BOARDS < .092 INCH THICK, A STIFFENER PLATE IS RECOMMENDED.



DETAIL 'A'
SCALE 10:1

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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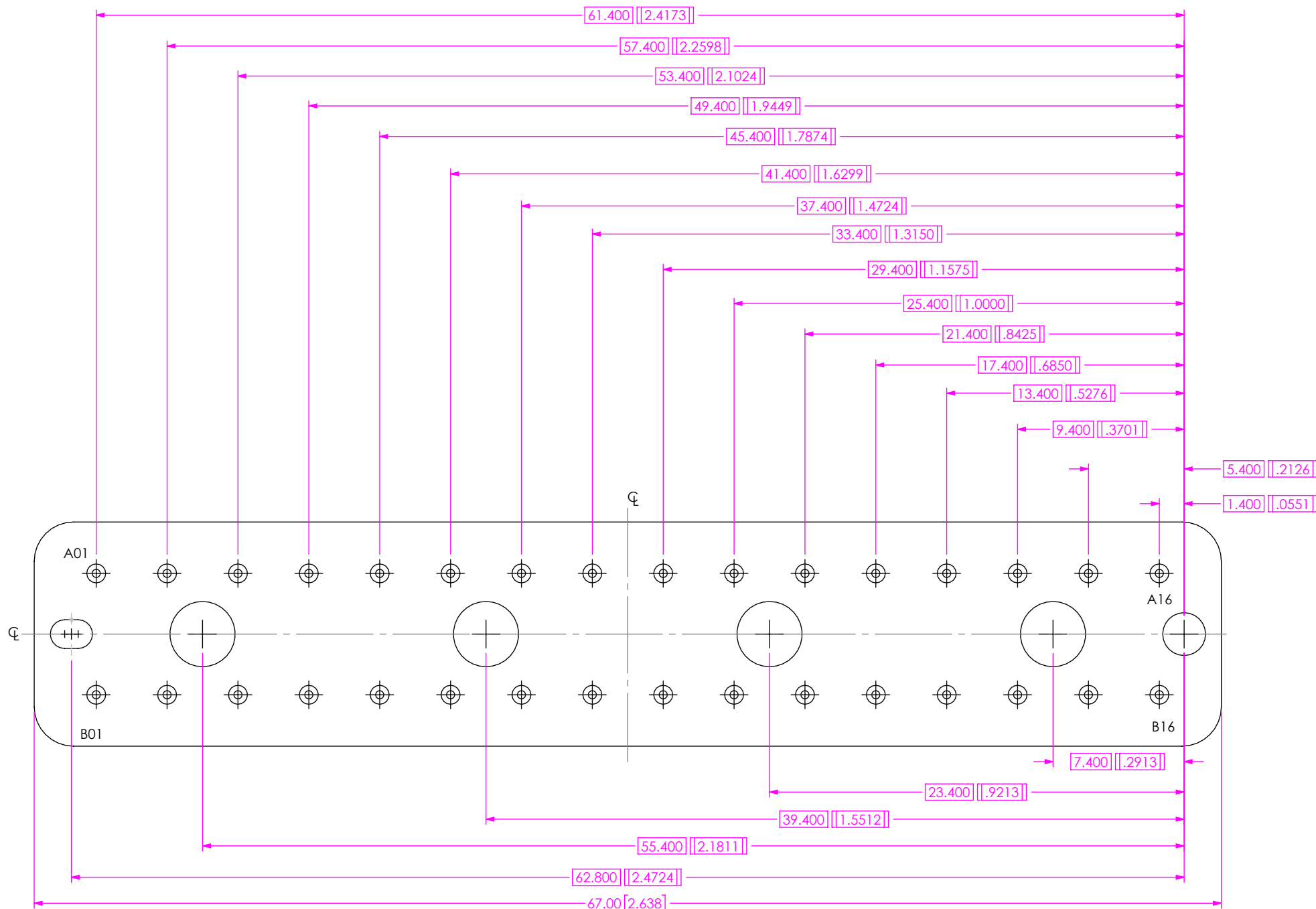


FIG 2
BE71A-S-XXXX-X-2-16-XXXX LAYOUT
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

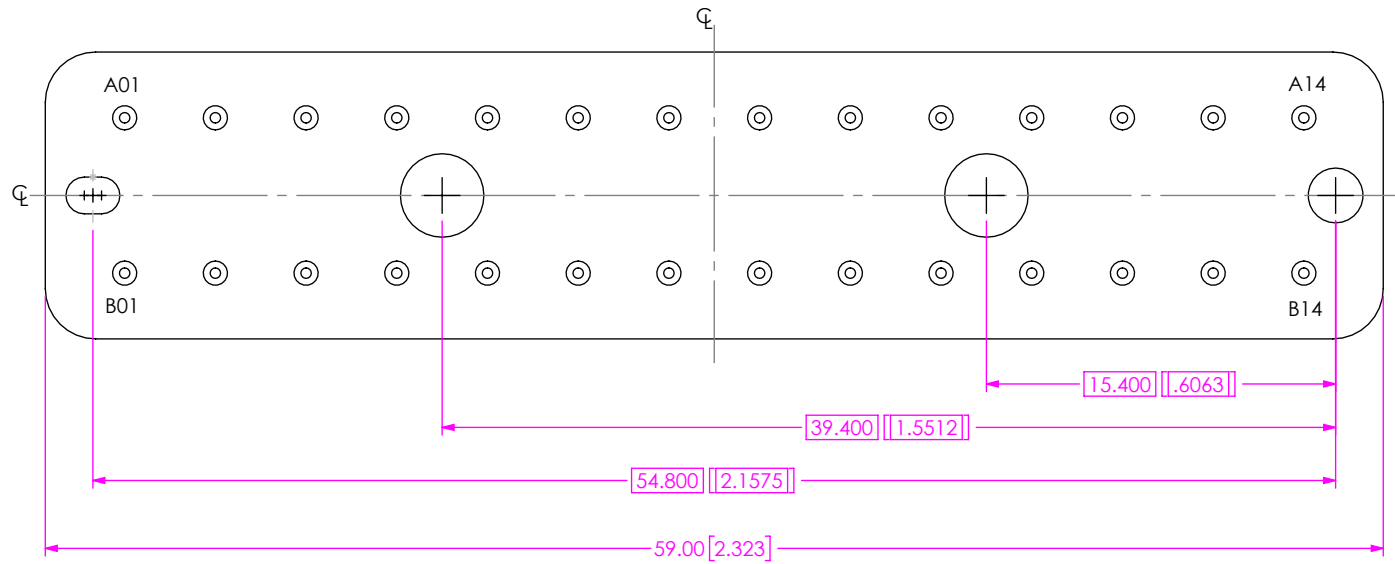


FIG 3
BE71A-S-XXXX-X-2-14-XXXX LAYOUT
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1 & FIG 2)

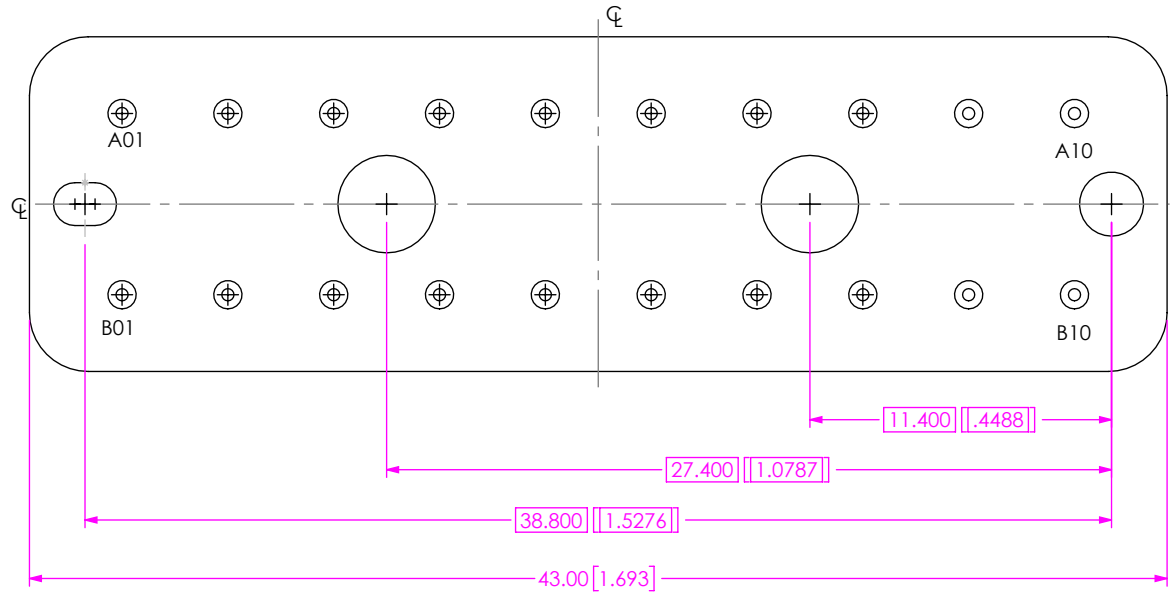


FIG 4
BE71A-S-XXXX-X-2-10-XXXX LAYOUT
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1 & FIG 2)

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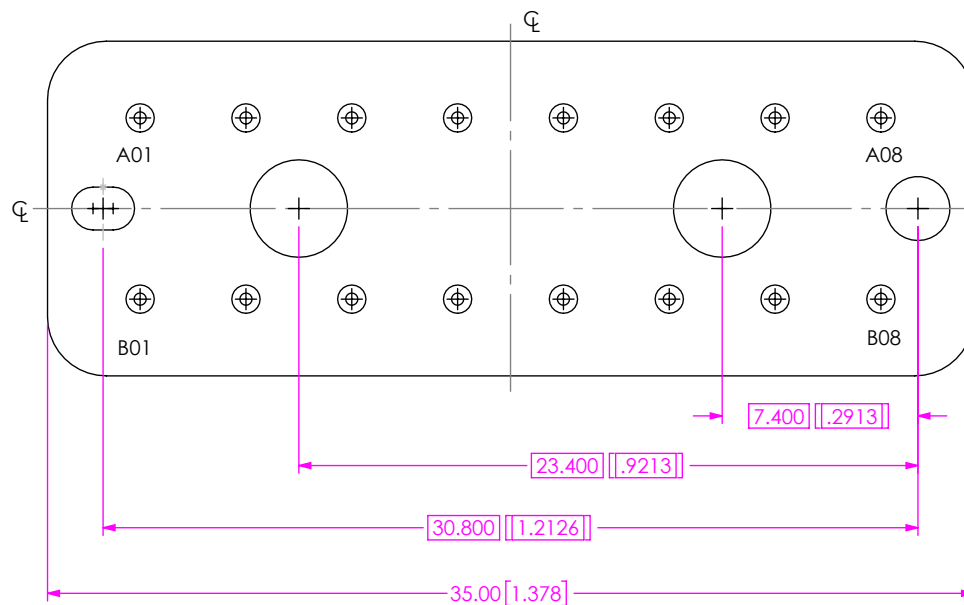


FIG 5
BE71A-S-XXXX-X-2-08-XXXX LAYOUT
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1 & FIG 2)

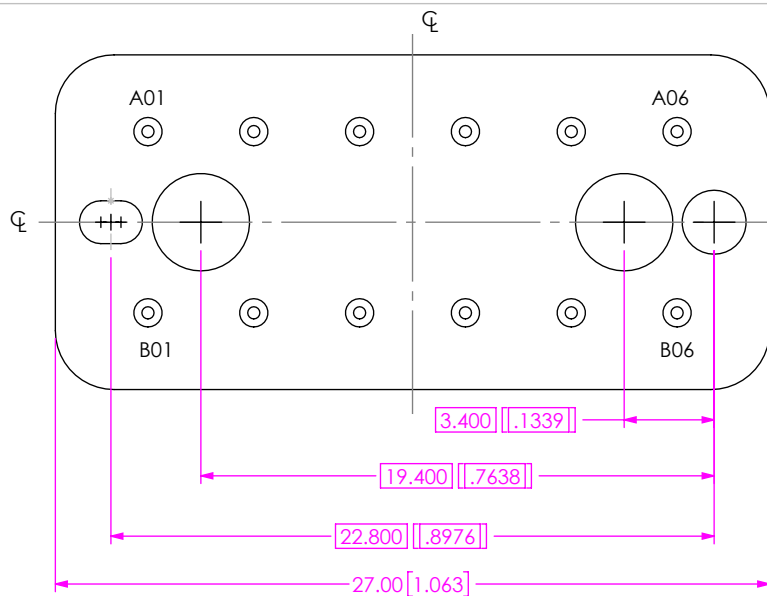


FIG 6
BE71A-S-XXXX-X-2-06-XXXX LAYOUT
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1 & FIG 2)

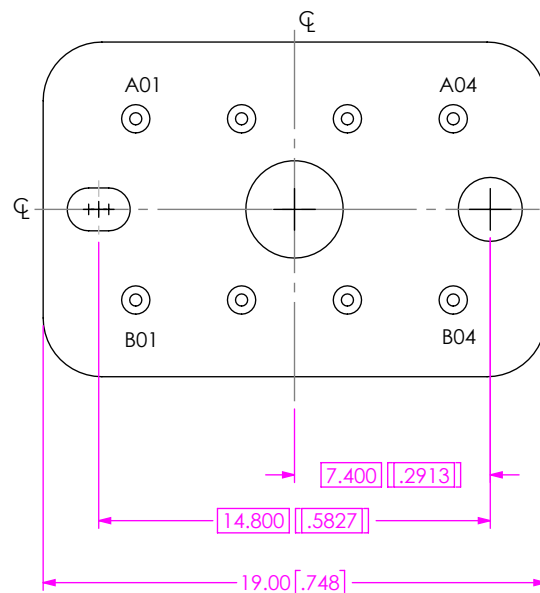


FIG 7
BE71A-S-XXXX-X-2-04-XXXX LAYOUT
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1 & FIG 2)

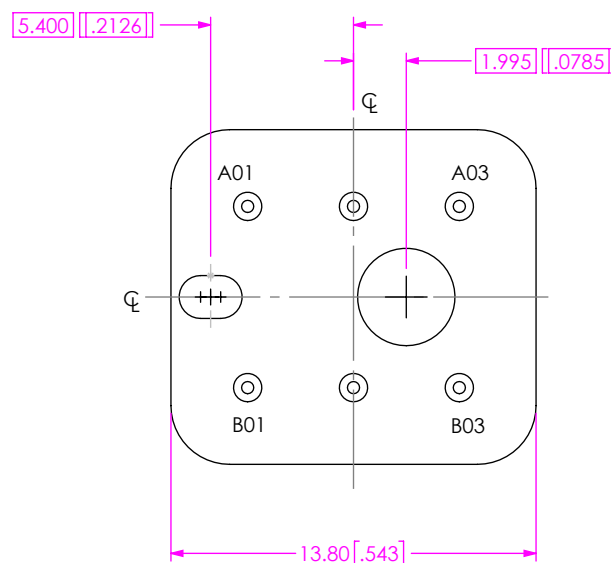


FIG 8
BE71A-S-XXXX-X-2-03-XXXX LAYOUT
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1 & FIG 2)

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