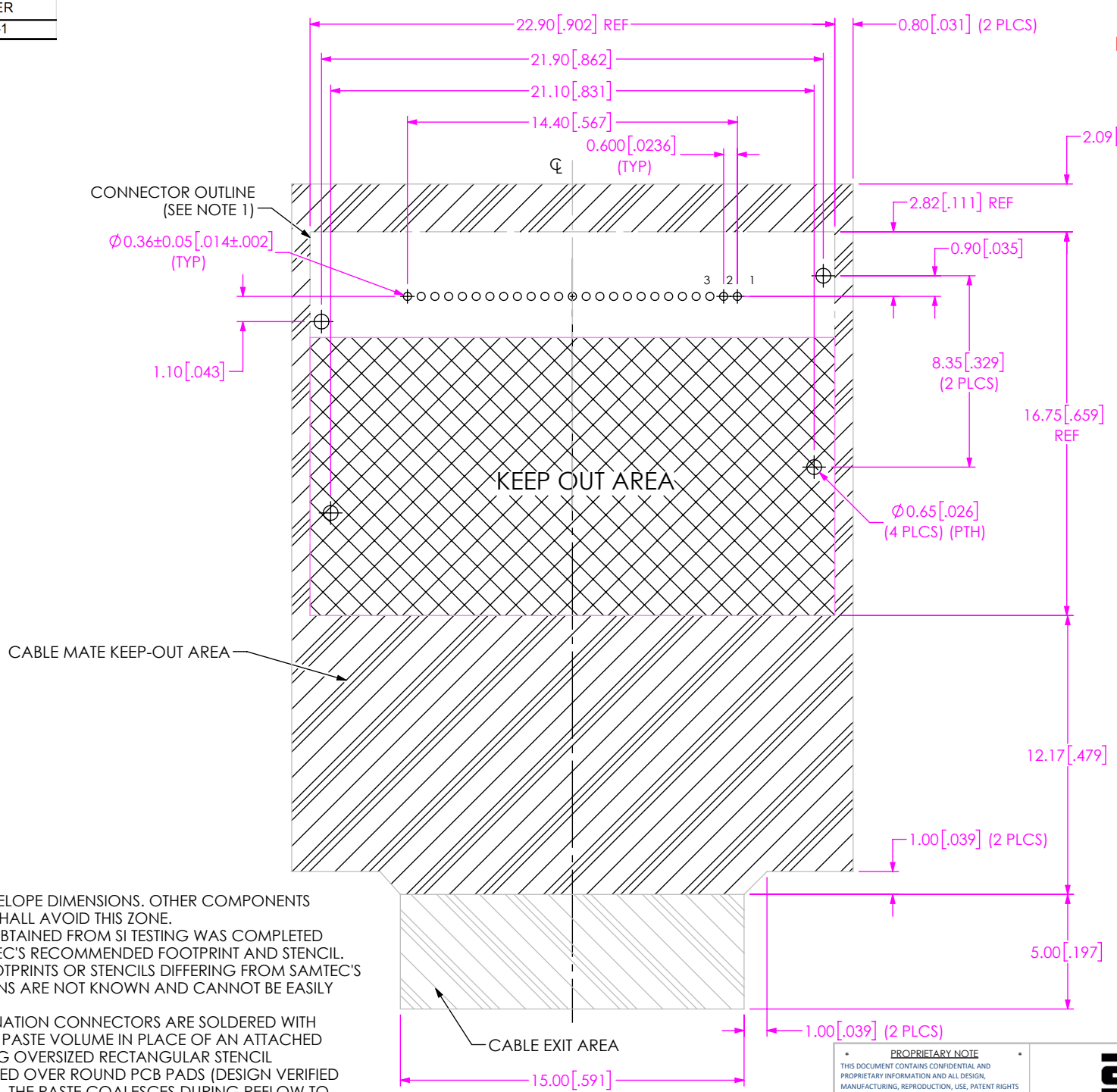
REVISION A

RECOMMENDED PCB LAYOUT FOR CPI-08-XX-1-X-RA-0-L-XR

A	KF	Z WEBER
08/15/2025	ECN-25-33289-1	

DESIGNED & DIMENSIONED IN MILLIMETERS[INCHES]



NOTES:

1. CONNECTOR ENVELOPE DIMENSIONS. OTHER COMPONENTS PLACED ON PCB SHALL AVOID THIS ZONE.
2. EMPIRICAL DATA OBTAINED FROM SI TESTING WAS COMPLETED USING ONLY SAMTEC'S RECOMMENDED FOOTPRINT AND STENCIL. RESULTS USING FOOTPRINTS OR STENCILS DIFFERING FROM SAMTEC'S RECOMMENDATIONS ARE NOT KNOWN AND CANNOT BE EASILY DETERMINED.
3. -0 COLUMN TERMINATION CONNECTORS ARE SOLDERED WITH OPTIMIZED SOLDER PASTE VOLUME IN PLACE OF AN ATTACHED SOLDER BALL, USING OVERSIZED RECTANGULAR STENCIL APERTURES CENTERED OVER ROUND PCB PADS (DESIGN VERIFIED THROUGH TESTING). THE PASTE COALESCES DURING REFLOW TO FORM A COLUMNAR SOLDER JOINT. FOR MORE INFORMATION, CONTACT SAMTEC'S INTERCONNECT PROCESSING GROUP (IPG@SAMTEC.COM).

FIG 1
CPI-08-01-1-X-RA-X-L-XR FOOTPRINT SHOWN

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REVISION A

RECOMMENDED STENCIL LAYOUT FOR CPI-08-XX-1-X-RA-0-L-XR

NOTE:
STENCIL TO BE .102[.0040] THICK.

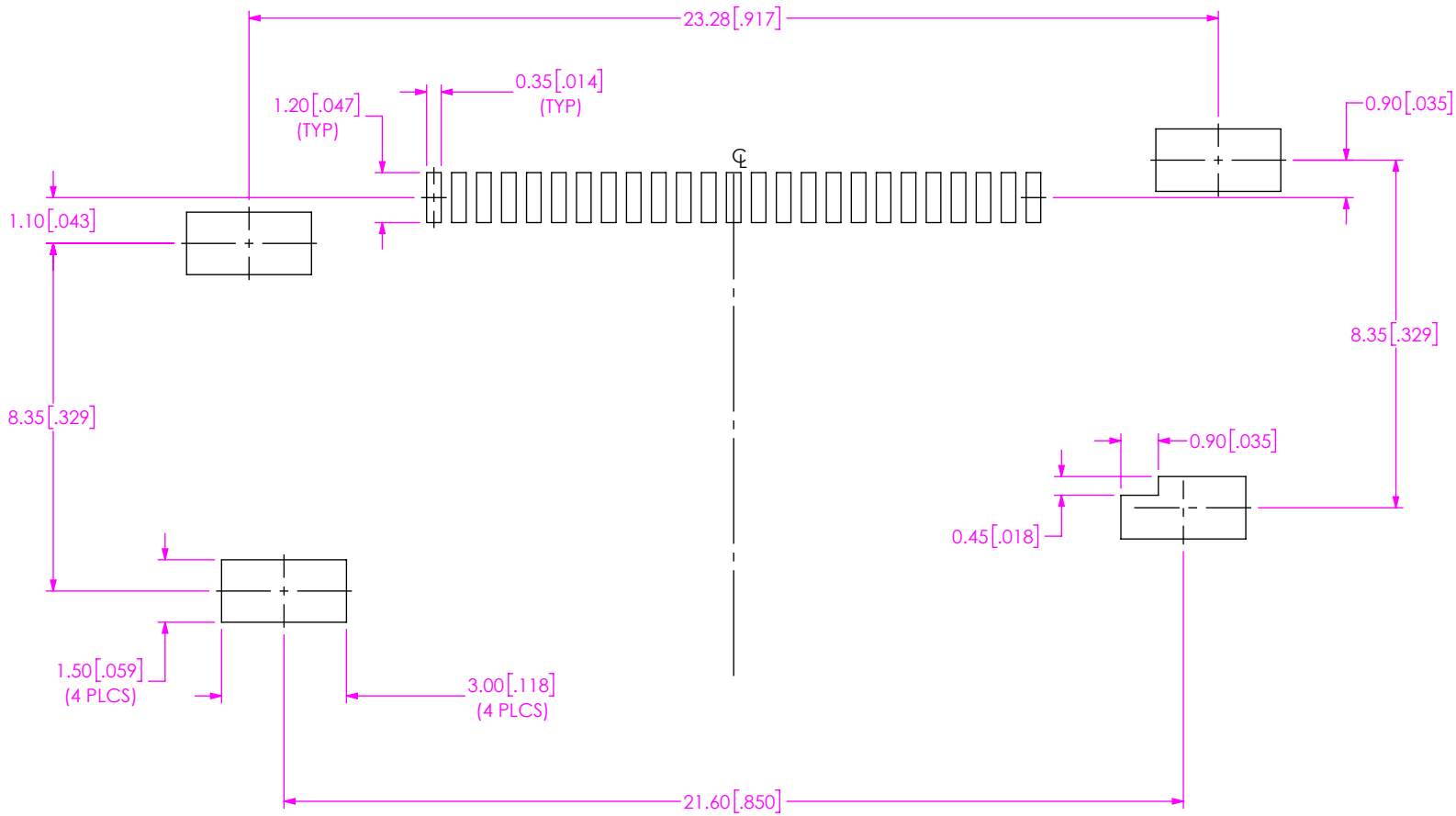


FIG 2
CPI-08-01-1-X-RA-X-L-XR STENCIL SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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