

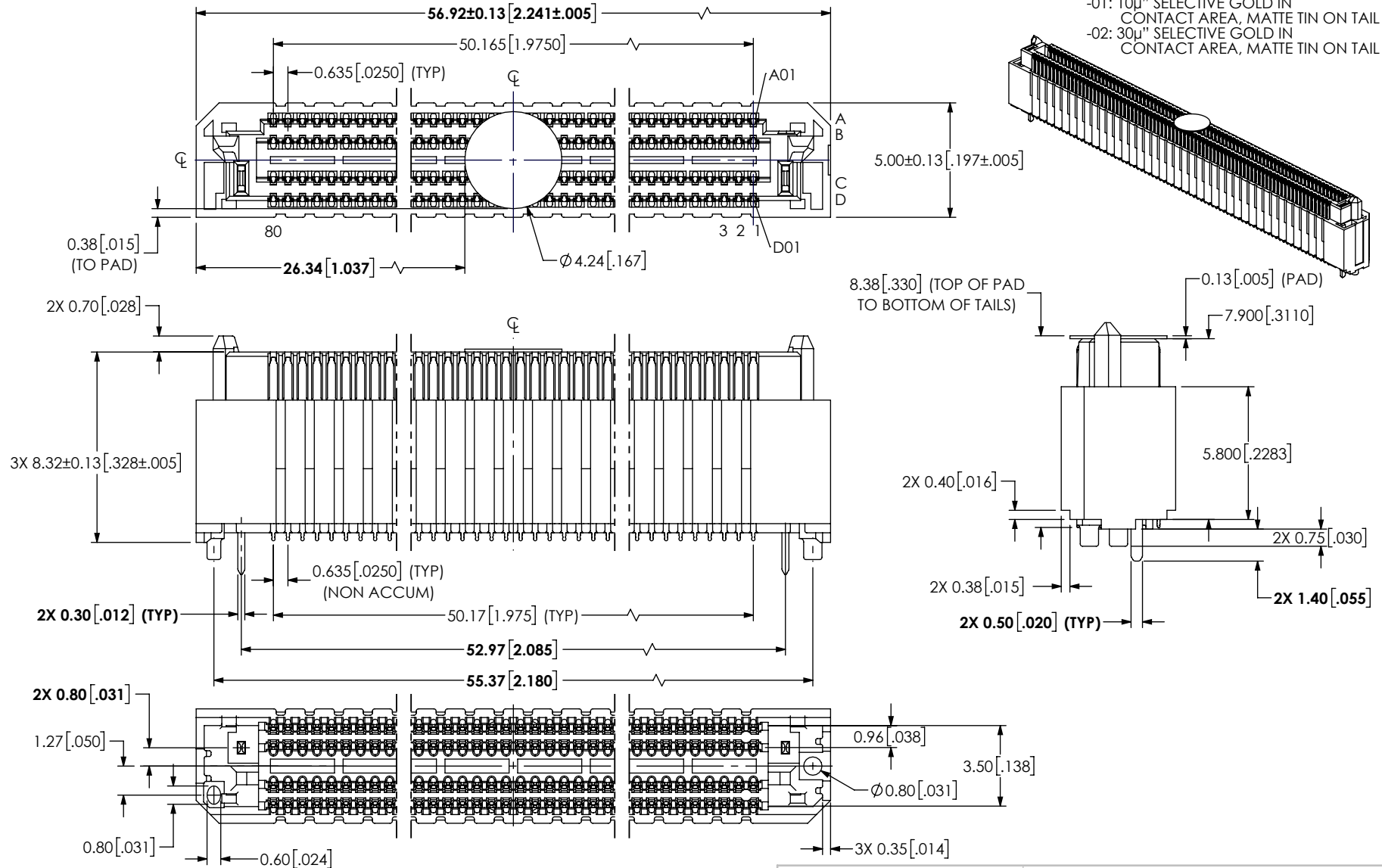
DESIGNED AND DIMENSIONED IN MILLIMETERS[INCHES]
ALL DIMENSIONS REFERENCE EXCEPT AS SHOWN

DO NOT
SCALE FROM
THIS PRINT

ASP-242870-XX

OPTION


- 01: 10µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- 02: 30µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

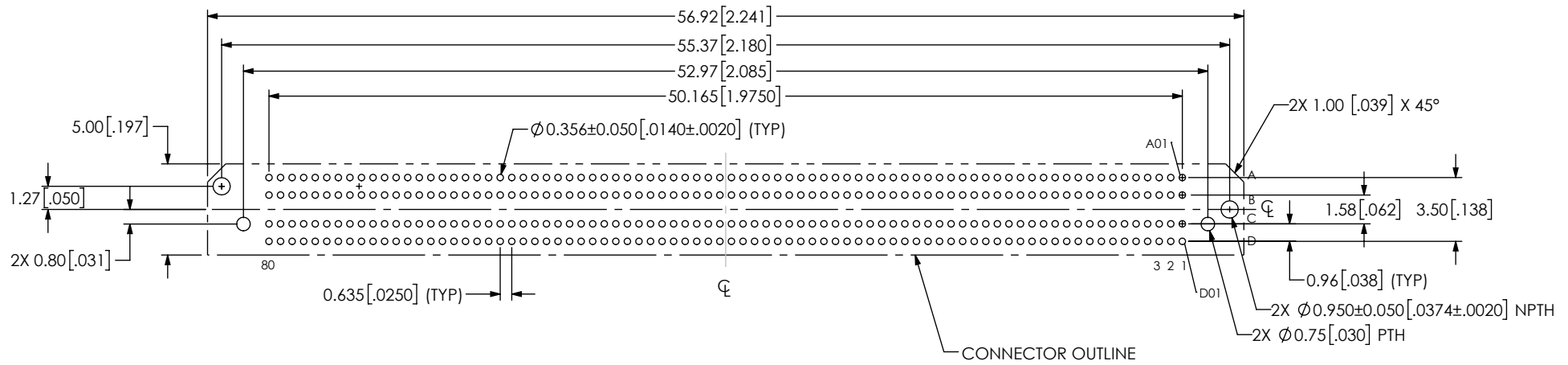


NOTES:

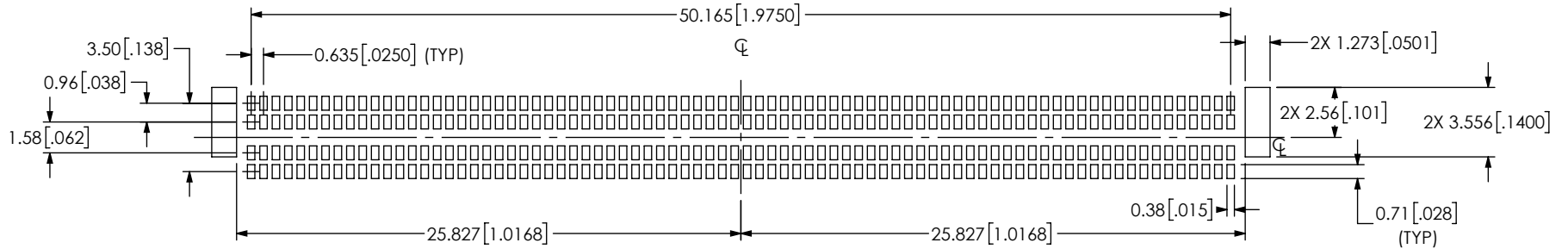
1. SGET HFM INDUSTRY STANDARD COMPLIANT
2. SEE SHEET 2 FOR PROCESSING INFORMATION.
3. PARTS TO BE PACKAGED IN TAPE & REEL
4. ATTACH LABEL-4X2 TO EACH REEL.
5. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM
6. -0 COLUMN TERMINATION CONNECTORS 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 COALESCE DURING REFLOW TO FORM A COLUMNAR SOLDER JOINT. FOR MORE INFORMATION, CONTACT SAMTEC'S INTERCONNECT PROCESSING GROUP (IPG@SAMTEC.COM).

FIG. 1
(ASP-242870-XX SHOWN)

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<p>DO NOT SCALE DRAWING SHEET SCALE: 4:1</p>		
<p>MATERIAL: INSULATOR: LCP, COLOR: NATURAL CONTACT: COPPER ALLOY WELD TAB: COPPER ALLOY PLATING: CONTACT: ASP-242870-01; CONTACT AREA: .00010" REF GOLD REMANINDER: .00020" REF TIN ASP-242870-02; CONTACT AREA: .00030" REF GOLD REMANINDER: .00020" REF TIN</p>		<p>DESCRIPTION: CUSTOM SGET HFM HD MALE ASSEMBLY</p>
<p>WELD TAB: ENTIRE PIN: .00020" REF TIN</p>		<p>DWG. NO. ASP-242870-XX</p>
<p>F:\dwg\sw\asp\242000\ASP-242870-XX.sldwtw</p>		<p>BY: CHRISTIAN S. 04/28/2025 SHEET 1 OF 2</p>



RECOMMENDED PCB LAYOUT
 ALL DIMENSIONS SYMMETRIC ABOUT CENTERLINE
 (ALL DIMENSIONS FOR REFERENCE ONLY)



RECOMMENDED STENCIL LAYOUT
 ALL DIMENSIONS SYMMETRIC ABOUT CENTERLINE
 (STENCIL TO BE 0.127[.005] THICK)

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

DO NOT SCALE DRAWING
 SHEET SCALE: 2:1

DESCRIPTION:
 CUSTOM SGET HFM HD MALE ASSEMBLY
 DWG. NO. **ASP-242870-XX**
 BY: CHRISTIAN S. 04/28/2025 SHEET 2 OF 2