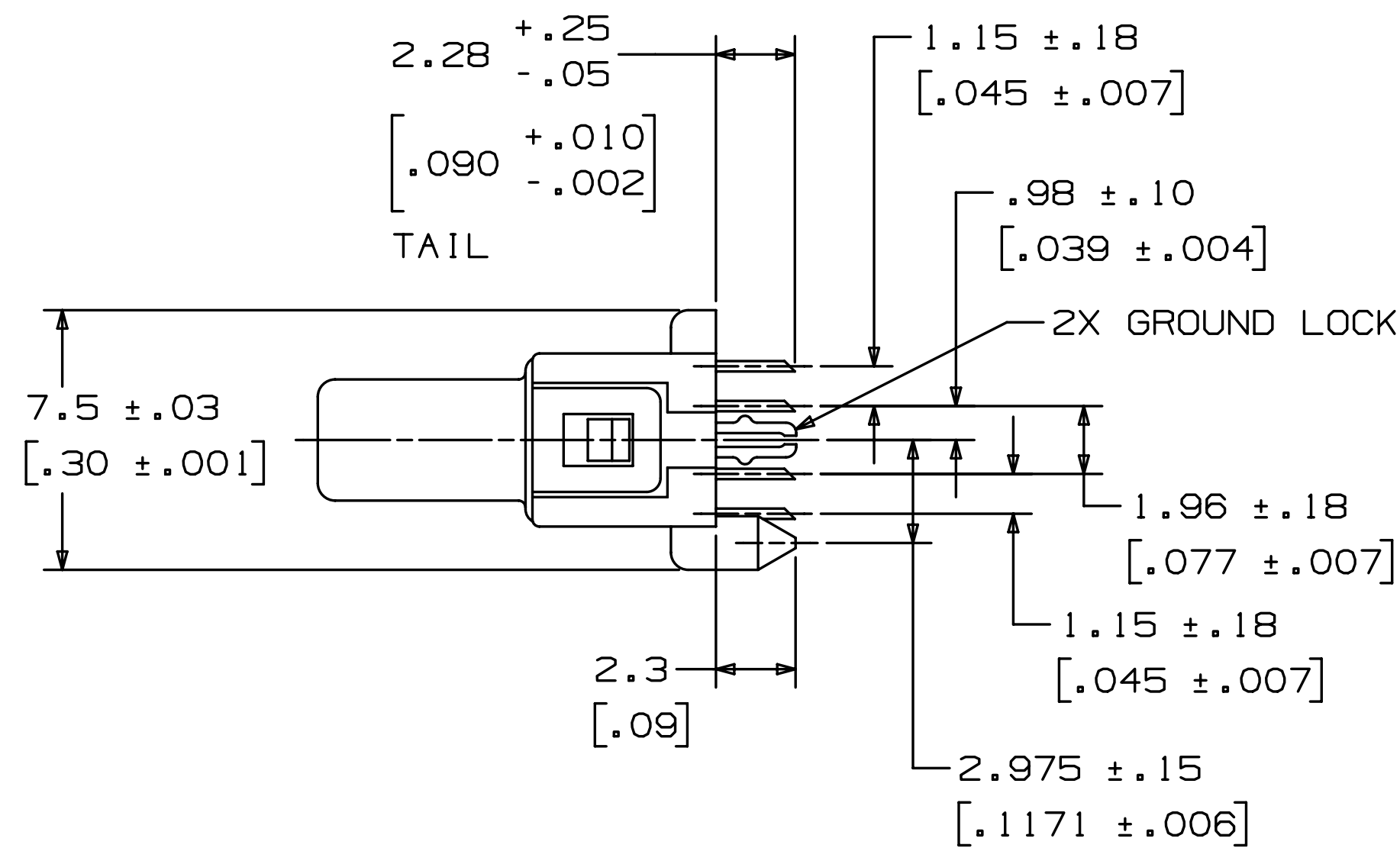
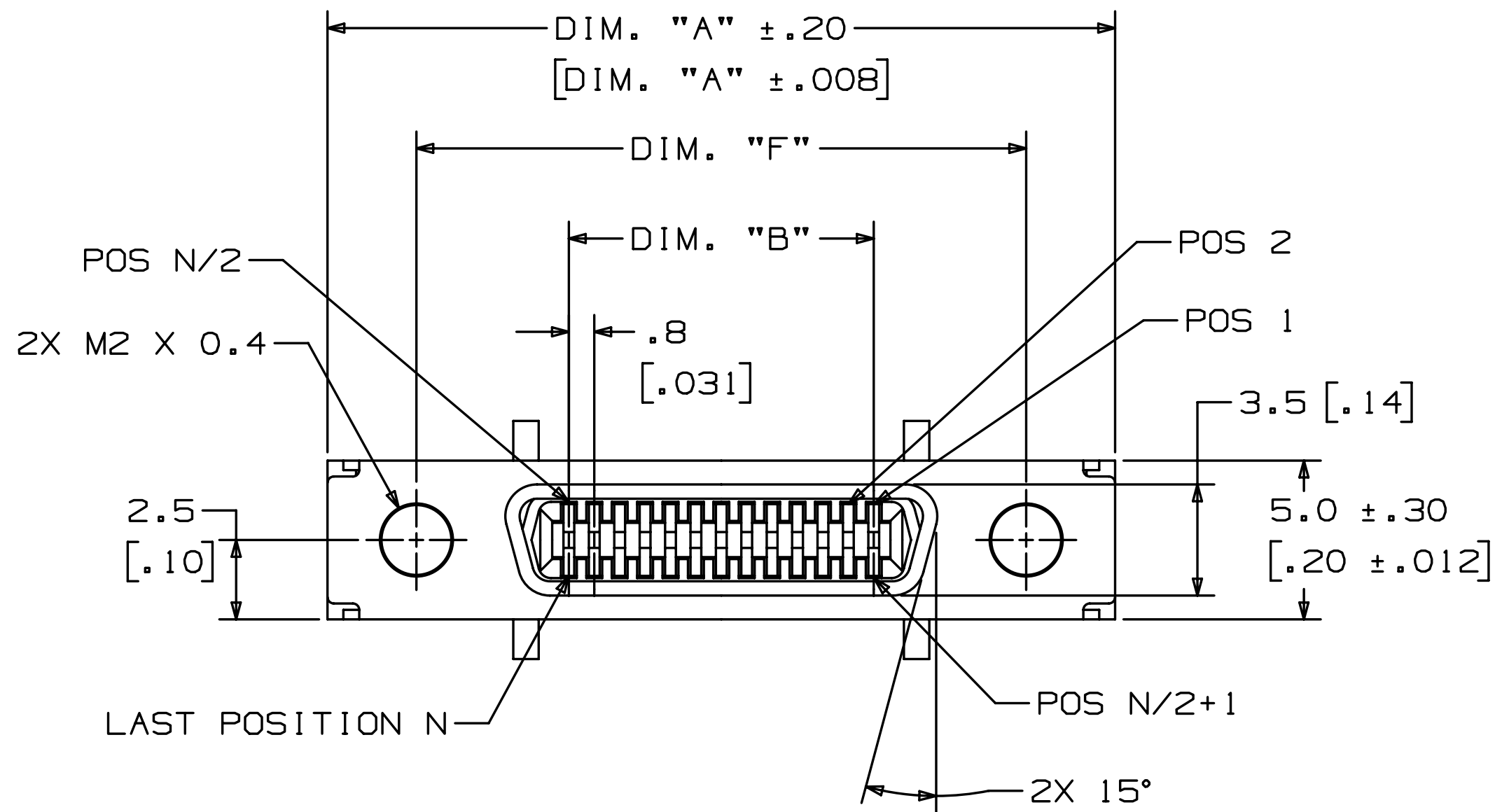
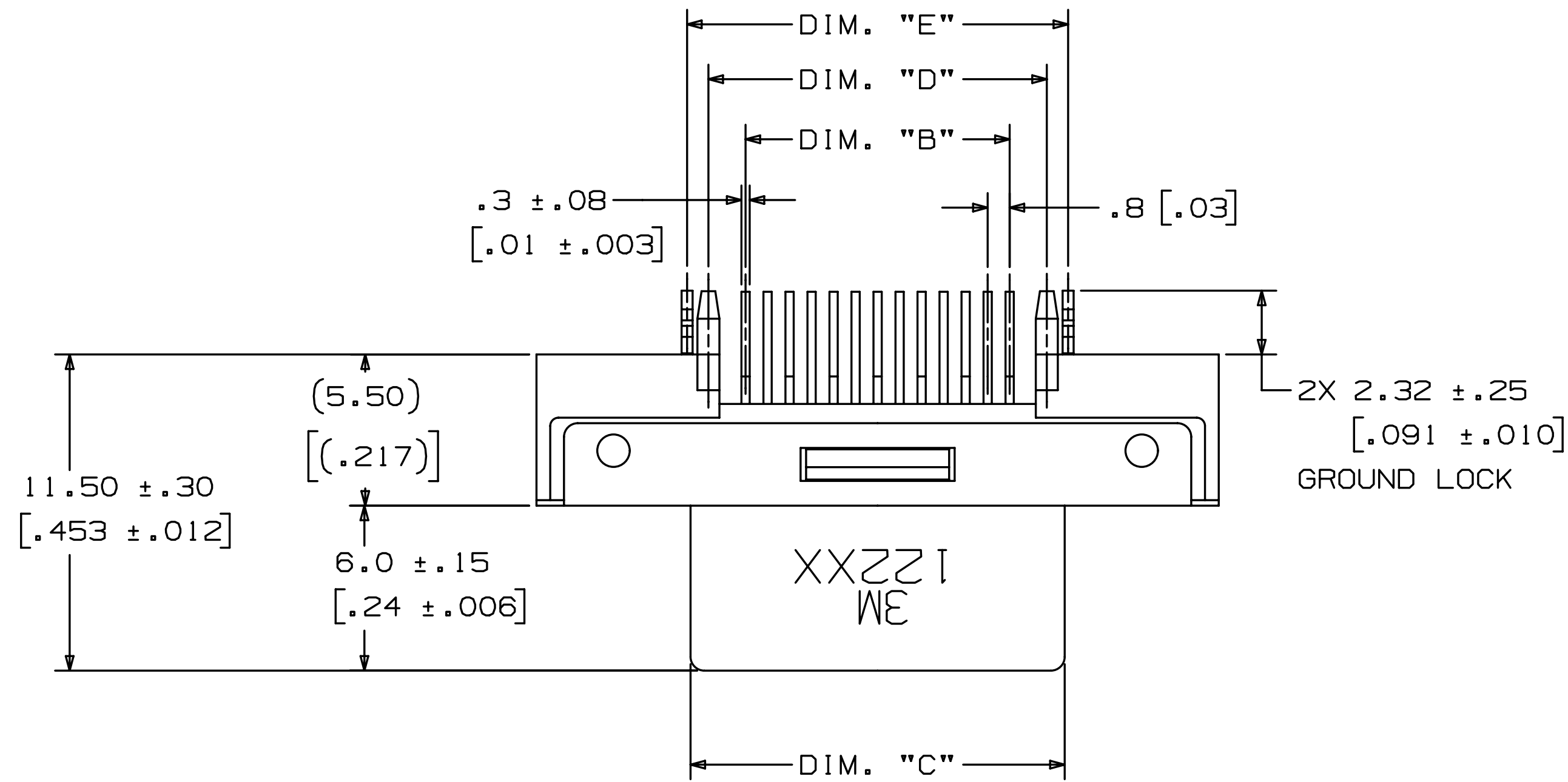


3M™ Shrunk Delta Ribbon (SDR) Connectors, 122 Series
 .80 mm Boardmount, Through-Hole, Vertical Receptacle, Shielded



- NOTES
- MATERIAL:
 INSULATION: HIGH TEMPERATURE NYLON
 COLOR: BLACK, UL94V-0

 CONTACT: COPPER ALLOY
 PLATING:
 UNDERPLATE: 2µm [80µ"] NICKEL
 WIPING AREA: .76µm [30µ"] GOLD
 TERMINATION AREA: GOLD FLASH OVER NICKEL

 SHROUD & LATCH HOOK: STEEL
 PLATING: NICKEL

 GROUND LOCK: COPPER ALLOY
 PLATING: SEMI-BRIGHT TIN OVER NICKEL

 LOCK SCREW: STEEL
 PLATING: NICKEL

 ALIGNMENT PLATE: PPS
 COLOR: BLACK, UL94V-0
 - MARKING: 3M LOGO AND PART NUMBER.
 - ELECTRICAL:
 CURRENT RATING: 0.5 A
 INSULATION RESISTANCE: 500 MΩ MIN AT 250 V_{DC}
 WITHSTANDING VOLTAGE: 350 V_{AC} FOR 1 MINUTE
 - ENVIRONMENTAL:
 TEMPERATURE RATING:
 -40° C TO +70° C
 PROCESS RATING:
 REFLOW: PREHEAT 150° TO 180° C,
 90 TO 120 SECONDS
 SOLDERING: OVER 220° C,
 30 TO 60 SECONDS, PEAK TEMPERATURE
 IS 250° C MAX.
 SOLDER IRON: 380° C MAX, 3 SECONDS MAX.
 WAVE SOLDERING: 260° C, 10 SECONDS, 2 TIMES
 OR 263° C, 5 SECONDS, 2 TIMES.
 * PRE-HEAT CONDITION:
 TEMP OF COMPONENTS: 100° C MAX.
 DURATION: 60 SECONDS MAX.
 - IN THE EVENT OF CONFLICT BETWEEN THIS DATA AND THAT CONTAINED IN THE PRODUCT SPECIFICATION, THE PRODUCT SPECIFICATION TAKES PRECEDENT.
 - FOR VARIOUS PANEL THICKNESS JACKSOCKETS REFER TO TS-0142.
 - SEE REGULATORY INFORMATION APPENDIX (RIA) IN THE "ROHS COMPLIANCE" SECTION OF WWW.3MCONNECTOR.COM FOR COMPLIANCE INFORMATION.

DIMENSIONS ARE IN MM.
 SECONDARY ARE IN [INCHES]
 AND ARE FOR REFERENCE ONLY

| POSITION | DIM. "A" | DIM. "B" | DIM. "C" | DIM. "D" | DIM. "E" | DIM. "F" |
|----------|--------------|---------------|--------------|----------------|----------------|--------------|
| 14 | 20.0 [.79] | 4.80 [.189] | 8.8 [.35] | 7.50 [.295] | 9.05 [.356] | 14.4 [.57] |
| 26 | 24.8 [.98] | 9.60 [.378] | 13.6 [.54] | 12.30 [.484] | 13.85 [.545] | 19.2 [.76] |

CONNECTOR DIMENSION TABLE
 TABLE 1

| | | | | | | |
|---------------------------------|---------------|--|------------------------------------|-------------------------------------|------|------|
| DESIGN REFERENCE | NEXT ASSEMBLY | REV | ECO | ISSUE DATE AND DESCRIPTION | DRFT | CHKD |
| | | | | JAN 10, 2011 REVISED AND REDRAWN | JNC | SC |
| DISTRIBUTION CODE | | APP'D | DATE | DATE | | |
| | | CASTIGLIONE | JAN 10, 2011 | | | |
| | | CHKD | DATE | DATE | | |
| | | D. CRONCH | | MAR 29, 2011 | | |
| DIVISION | DIVISION CODE | © 3M COPYRIGHT 2011 | | | | |
| Interconnect Solutions | ISD | This document and the information it contains are 3M property and may not be reproduced or further distributed without 3M permission, or used or disclosed other than for 3M authorized purposes. All rights reserved. | | | | |
| DO NOT SCALE DRAWING | SCALE 1 | TOLERANCES EXCEPT AS NOTED | 3M Center St. Paul, MN 55144 | | | |
| | | INCHES | TITLE | | | |
| | | .0 ± .006 | 3M SHRUNK DELTA RIBBON (SDR) CONN. | | | |
| | | .000 ± .006 | 122XX-11X0-00FR | | | |
| | | .0000 ± .005 | CAGE SIZE DRAWING NO. | | | |
| THIRD ANGLE PROJECTION | | MILLIMETERS | NUMBER D 78-5100-2126-0 | | | |
| INTERPRET PER ASME Y14.5 - 1994 | | 0 ± .15 | REV. | | | |
| MAX SURFACE ROUGHNESS | | .00 ± .15 | D | | | |
| UNFINISHED SURFACES | | .000 ± .13 | MODEL 122XX-1150-00 | | | |
| MARKED ONLY | | ANGLES | DET 15TS YES NO SHT 1 OF 2 | | | |

3M
 UL FILE NO: E68080