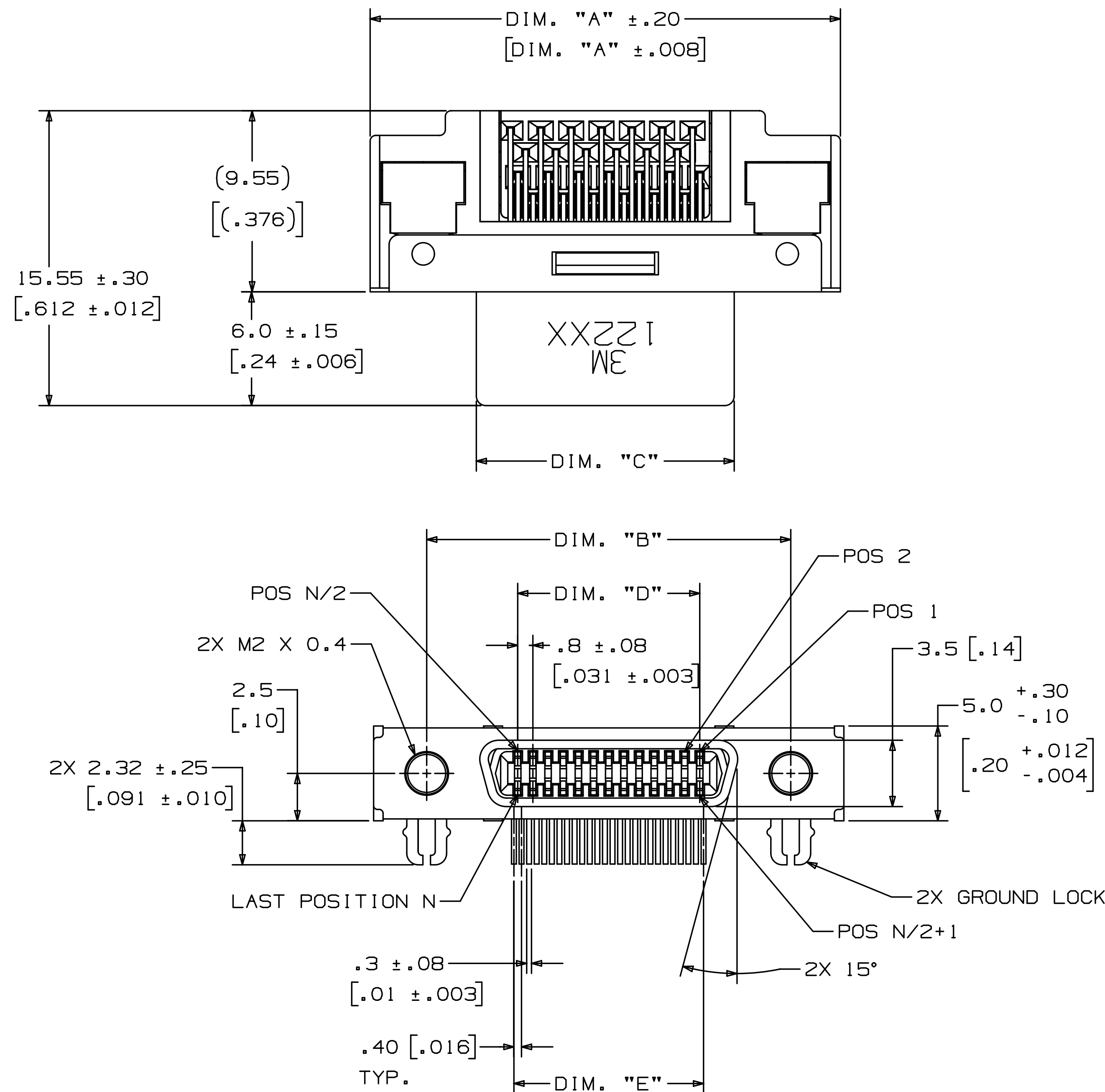


3M™ Shrunk Delta Ribbon (SDR) Connectors, 122 Series
 .80 mm Through-Hole, Right Angle Receptacle, Shielded



| POSITION | DIM. "A" | DIM. "B" | DIM. "C" | DIM. "D" | DIM. "E" |
|----------|-------------|-------------|------------|------------|------------|
| 14 | 20.0 [.79] | 14.4 [.57] | 8.8 [.35] | 4.8 [.19] | 5.2 [.20] |
| 26 | 24.8 [.98] | 19.2 [.76] | 13.6 [.54] | 9.6 [.38] | 10.0 [.39] |
| 50 | 34.4 [1.35] | 28.8 [1.13] | 23.2 [.91] | 19.2 [.76] | 19.6 [.77] |

CONNECTOR DIMENSION TABLE
 TABLE 1

- 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

| | | | | | | |
|---------------------------------|---------------|--|------------------------------------|----------------------------|------|------|
| DESIGN REFERENCE | NEXT ASSEMBLY | REV | ECO | ISSUE DATE AND DESCRIPTION | DRFT | CHKD |
| | | | | JAN 05, 2011 | JNC | SC |
| DESIGNER | DATE | APP'D | DATE | | | |
| CASTIGLIONE | JAN 05, 2011 | DR | JAN 12, 2011 | | | |
| CHKD | DATE | APP'D | DATE | | | |
| | | B. CRONCH | | | | |
| 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 | | | |
| | | .00 ± .006 | 3M SHRUNK DELTA RIBBON (SDR) CONN. | | | |
| | | .000 ± .006 | 122XX-51X0-00FR | | | |
| | | .0000 ± .005 | CAGE SIZE DRAWING NO. | | | |
| THIRD ANGLE PROJECTION | MILLIMETERS | 0 ± | NUMBER | | | |
| INTERPRET PER ASME Y14.5 - 1994 | 0 ± | .0 ± .15 | D 78-5100-2124-5 | | | |
| MAX SURFACE ROUGHNESS | .00 ± .15 | .000 ± .13 | REV. | | | |
| UNFINISHED SURFACES | .000 ± .13 | | E | | | |
| MARKED ONLY | ANGLE | | MODEL | | | |
| | | | 122XX-51X0-00 | | | |
| | | | SHT 1 OF 2 | | | |

3M
 UL FILE NO: E68080

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



NOTE: JACKSOCKET 12600-S-00 COMES FACTORY INSTALLED IN CONNECTOR 122XX-5150-00FR. IT IS FIXED WITH THREAD LOCKING ADHESIVE AND CANNOT BE REMOVED.

| PANEL THICKNESS | CONNECTOR | JACKSOCKET |
|-----------------|-----------------|-------------------------------|
| NO PANEL | 122XX-5150-00FR | FACTORY INSTALLED (SEE NOTE) |
| 0.8±0.1MM | 122XX-5100-00FR | 12600-S-08 (ORDER SEPARATELY) |
| 1.0±0.1MM | 122XX-5100-00FR | 12600-S-10 (ORDER SEPARATELY) |
| 1.2±0.1MM | 122XX-5100-00FR | 12600-S-12 (ORDER SEPARATELY) |

SELECTION TABLE FOR PANEL MOUNTING
 TABLE 3

ORDERING INFORMATION:
 122XX-51X0-00FR

CONTACT QUANTITY (SEE TABLE 1) | SCREW LOCK OPTION: (SEE TABLE 3)
 0=NONE (RIA E1 & C1 APPLY)
 5=WITH 12600-S-00 NON-REMOVABLE SCREW LOCK (RIA E5 & C3 APPLY)



| POSITION | DIM. "X" | DIM. "Y" |
|----------|--------------|---------------|
| 14 | 10.5 [.41] | 14.4 [.57] |
| 26 | 15.3 [.60] | 19.2 [.76] |
| 50 | 24.9 [.98] | 28.8 [1.13] |

RECOMMENDED PANEL CUT-OUT DIMENSION TABLE
 TABLE 2

| | | | | | | |
|------------------------|---------------|---|-------------|----------------------------|------|------------------------|
| DESIGN REFERENCE | NEXT ASSEMBLY | REV | ECO | ISSUE DATE AND DESCRIPTION | DRFT | CHKD |
| | | | | JAN 05, 2011 | JNC | SC |
| DISTRIBUTION CODE | | DRFT | CASTIGLIONE | DATE | DATE | DATE |
| | | CHKD | | JAN 05, 2011 | | JAN 12, 2011 |
| DIVISION | DIVISION CODE | © 3M COPYRIGHT 2011 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. | | | | |
| Interconnect Solutions | ISD | TITLE 3M SHRUNK DELTA RIBBON (SDR) CONN. 122XX-51X0-00FR | | | | |
| DO NOT SCALE DRAWING | SCALE 4/1 | TOLERANCES EXCEPT AS NOTED INCHES .0 ± .006 .00 ± .006 .000 ± .006 .0000 ± .005 MILLIMETERS 0 ± .15 .00 ± .15 .000 ± .13 | | | | |
| THIRD ANGLE PROJECTION | | INTERPRET PER ASME Y14.5 - 1994 MAX SURFACE ROUGHNESS UNFINISHED SURFACES MARKED ONLY | | | | |
| | | CAGE NUMBER | SIZE | DRAWING NO. | REV. | |
| | | D | | 78-5100-2124-5 | E | |
| | | MODEL | | 122XX-51X0-00 | DET | ISTS YES NO SHT 2 OF 2 |

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9