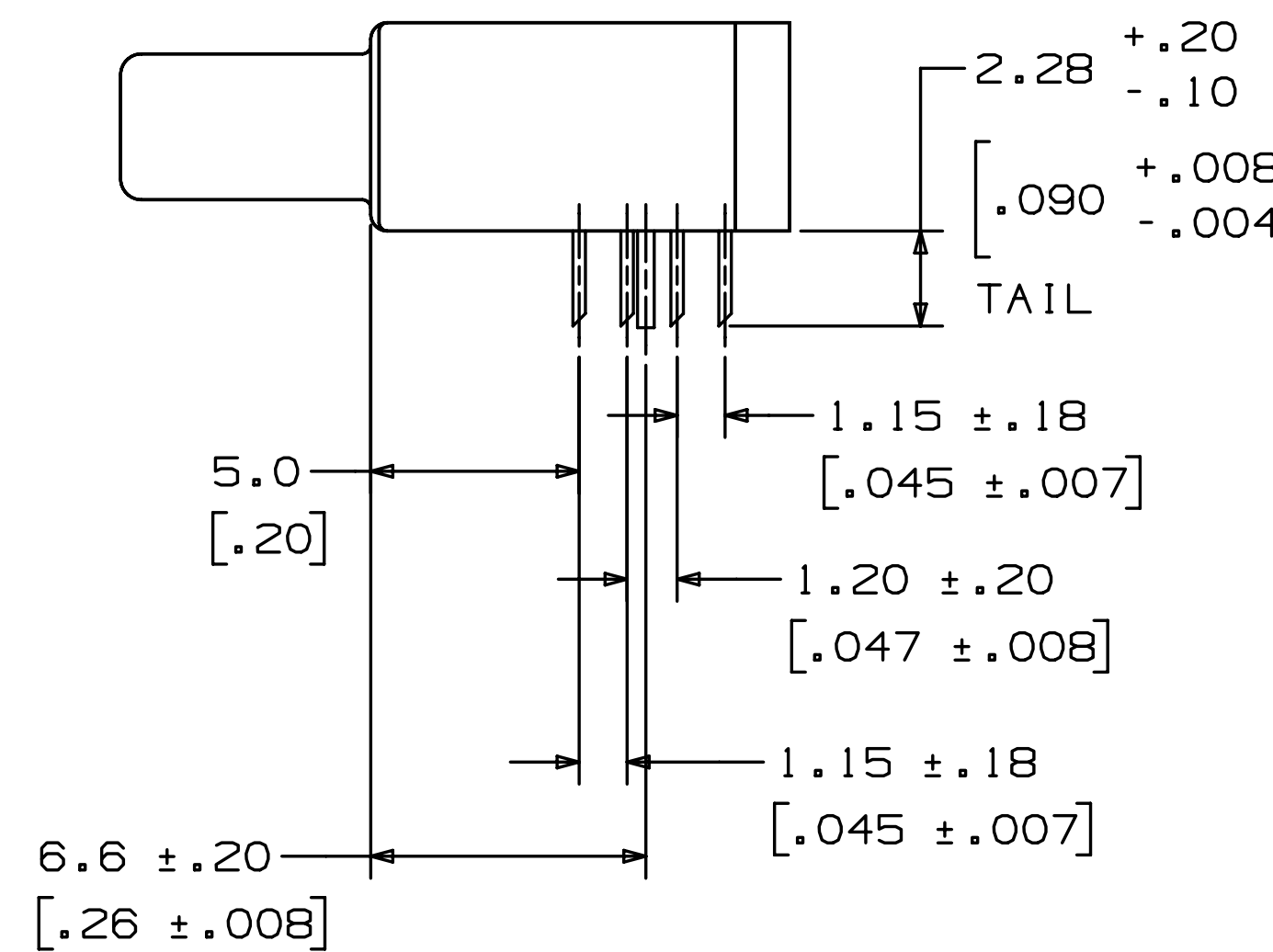
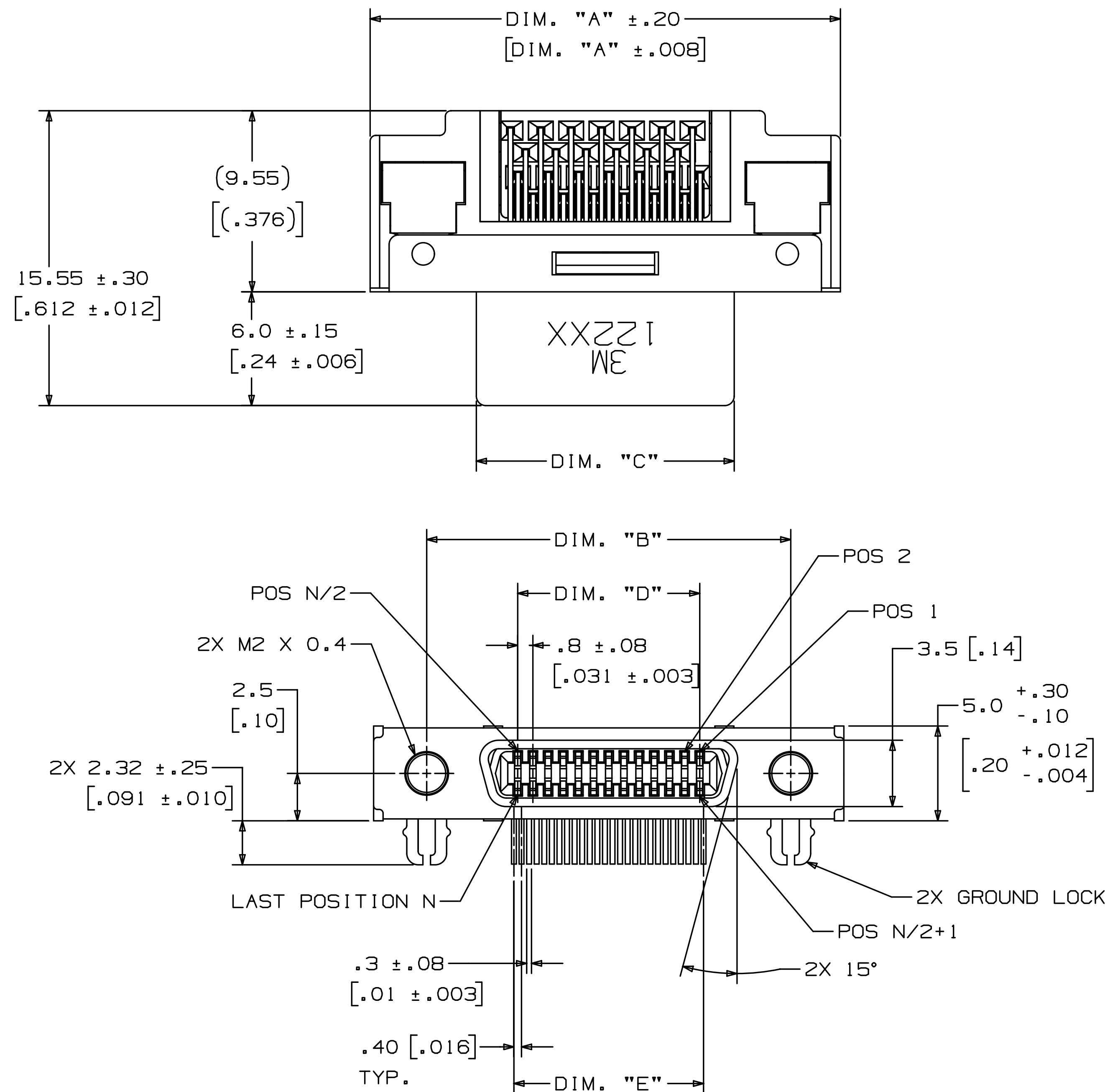


3M™ Shrunk Delta Ribbon (SDR) Connectors, 122 Series
 .80 mm Through-Hole, Right Angle Receptacle, Shielded



- 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.

| 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

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 | | B. CRONCH | | JAN 12, 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 | | |
| THIRD ANGLE PROJECTION | | INCHES | | TITLE | | |
| INTERPRET PER ASME Y14.5 - 1994 | | .00 ±.006 .000 ±.006 .0000 ±.005 | | 3M SHRUNK DELTA RIBBON (SDR) CONN. 122XX-51X0-00FR | | |
| MAX SURFACE ROUGHNESS | | MILLIMETERS | | CAGE SIZE DRAWING NO. | | |
| .00 ±.15 .000 ±.13 | | 0 ± 0 ±.15 0 ±.13 | | NUMBER D 78-5100-2124-5 E | | |
| MARKED ONLY | | ANGLER | | MODEL 122XX-51X0-00 | | |
| | | | | DET [] YES [X] NO [] 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



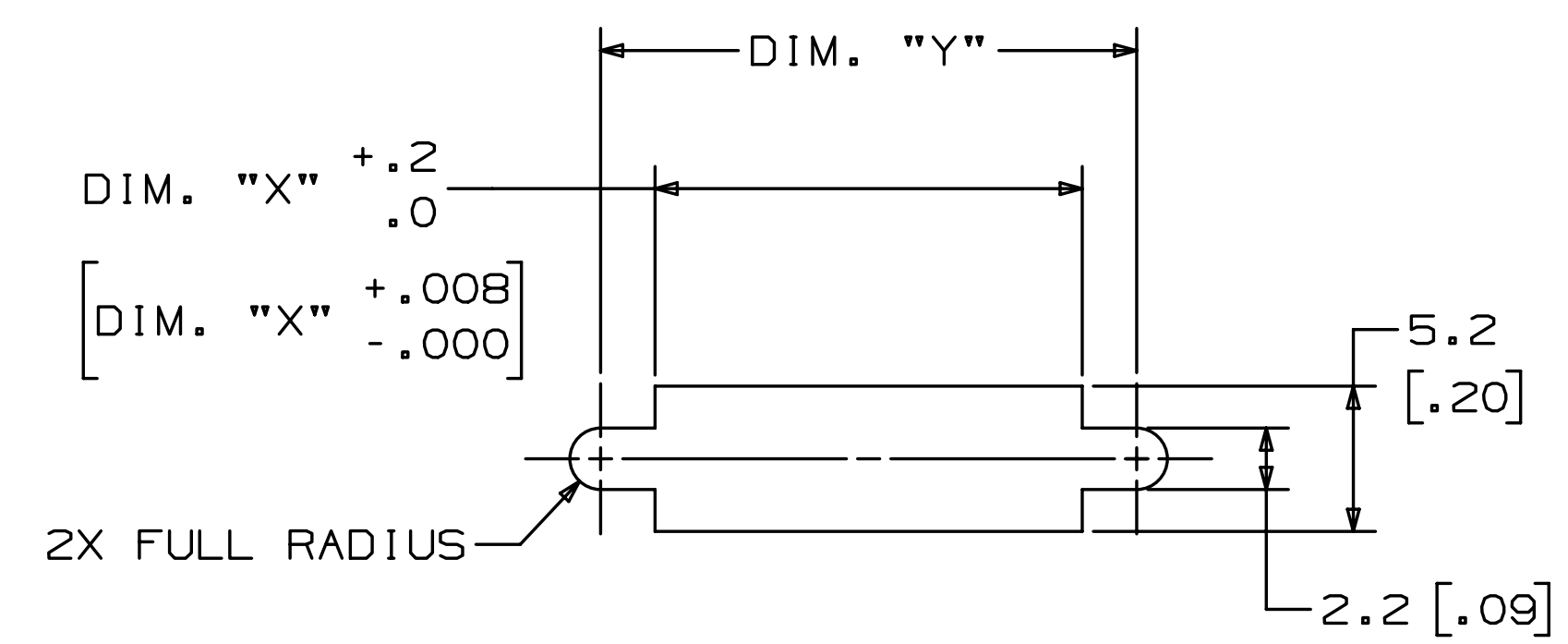
NOTE: JACKSOCKET 12600-S-00 COMES FACTORY INSTALLED IN CONNECTOR 122XX-5150-00FR. IT IS FIXED WITH THREAD LOCKING ADHESIVE AND CANNOT BE REMOVED.

| 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 CODES | | DRFT | CASTIGLIONE | DATE | DATE | DATE |
| | | CHKD | | JAN 05, 2011 | APPV | D. CRONCH |
| DIVISION | | DIVISION CODE | | | | |
| Interconnect Solutions | | ISD | | | | |
| DO NOT SCALE DRAWING | SCALE 4/1 | TOLERANCES EXCEPT AS NOTED | | | | |
| THIRD ANGLE PROJECTION | | INCHES | | | | |
| INTERPRET PER ASME Y14.5 - 1994 | | MILLIMETERS | | | | |
| MAX SURFACE ROUGHNESS | | 0 ± | | | | |
| MARKED SURFACES | | .00 ±.15 | | | | |
| MARKED ONLY | | .000 ±.13 | | | | |
| ANGLS | | 0 ± | | | | |
| MODEL | | CAGE NUMBER | | DRAWING NO. | | REV. |
| 122XX-51X0-00 | | D 78-5100-2124-5 | | E | | E |
| DET | | LISTS | | YES | | NO |
| | | SHT | | 2 | | OF 2 |

78-5100-2124-5

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

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- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
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- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

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Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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