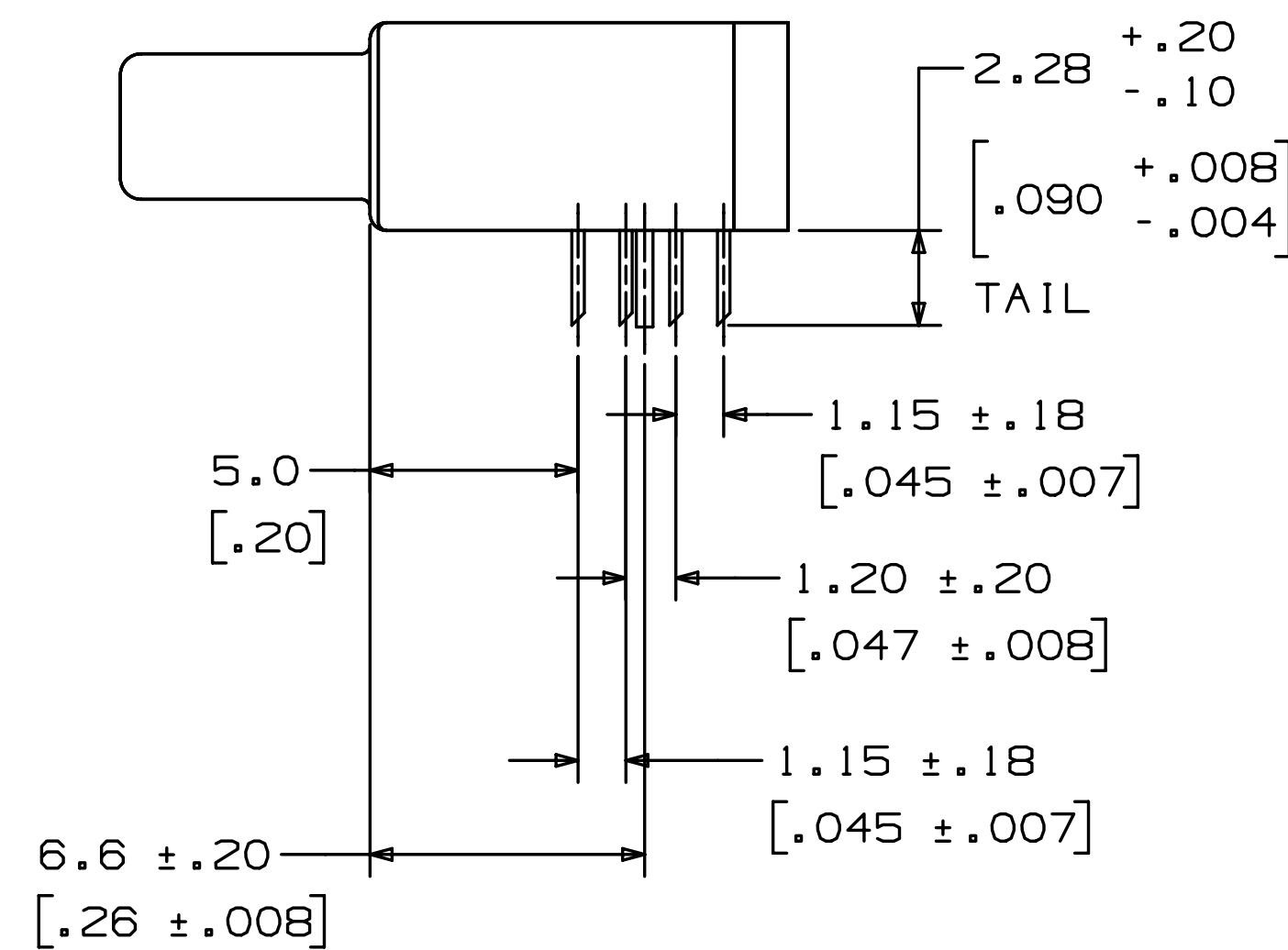
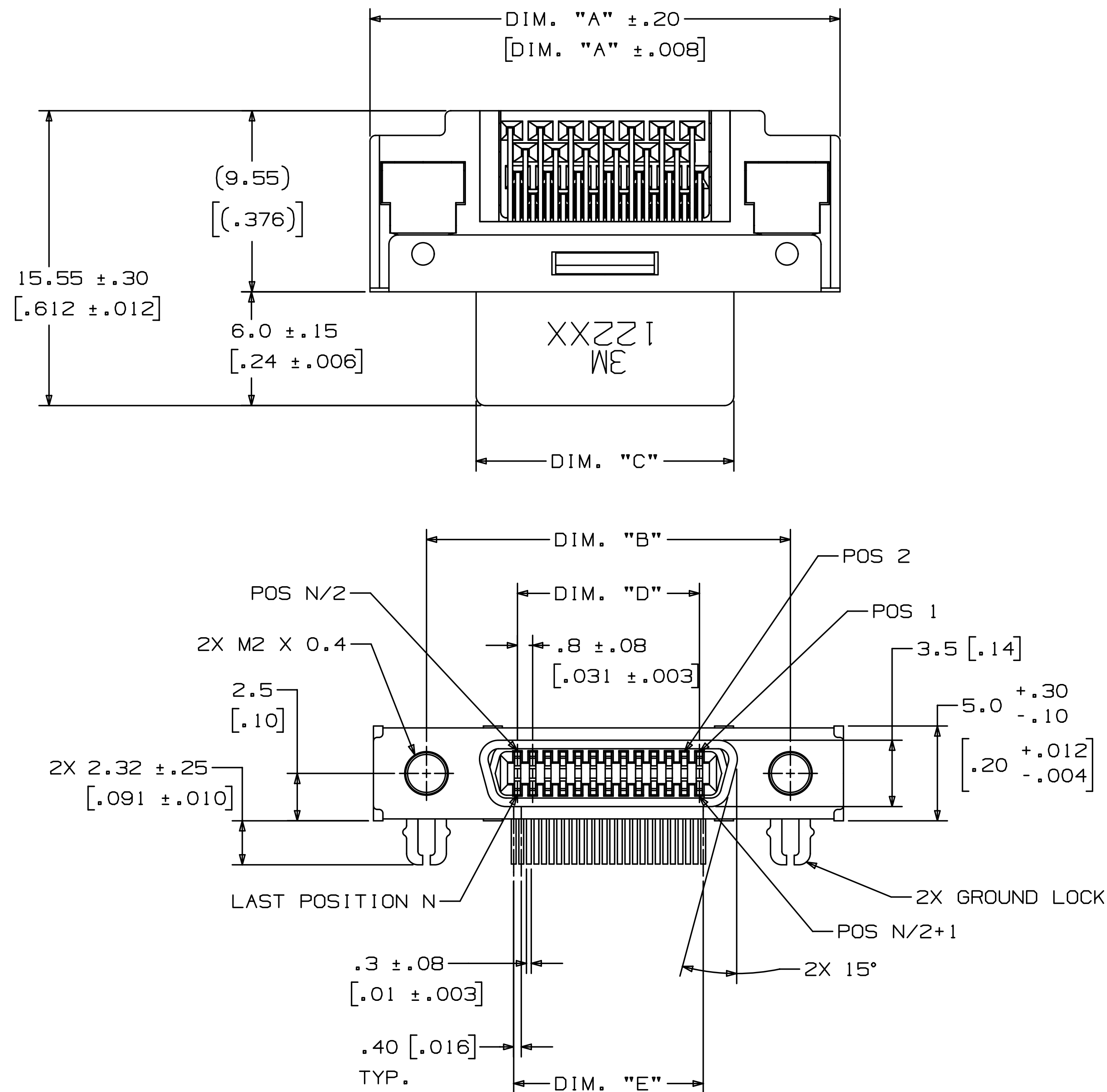


3M™ Shrunk Delta Ribbon (SDR) Connectors, 122 Series  
 .80 mm Through-Hole, Right Angle Receptacle, Shielded



| 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

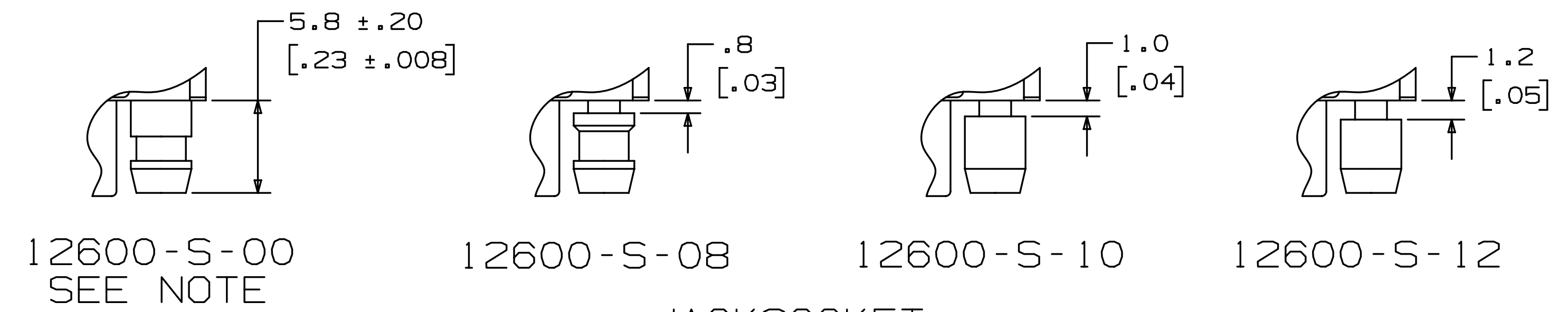
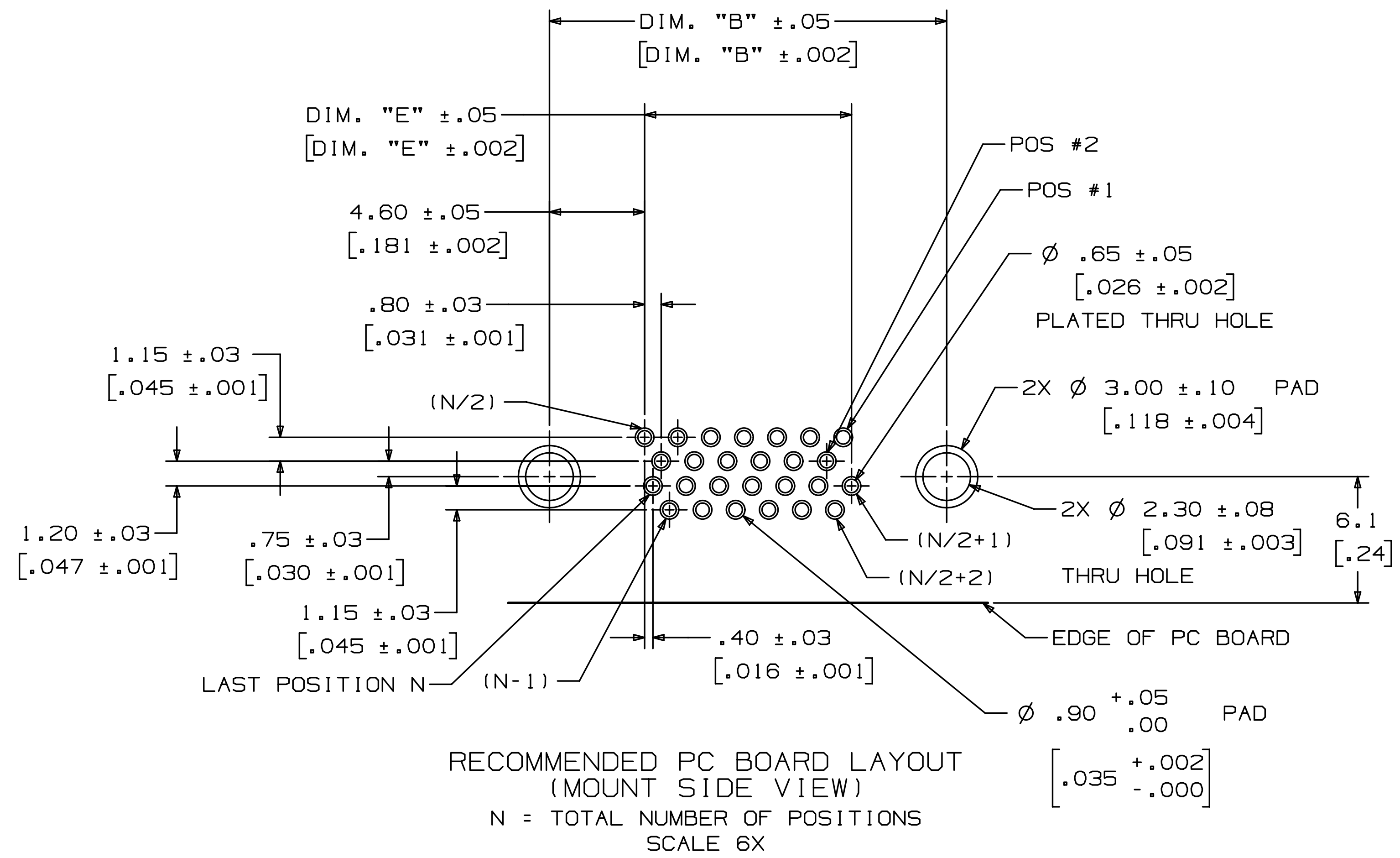
- NOTES
- MATERIAL:  
 INSULATION: HIGH TEMPERATURE NYLON  
 COLOR: BLACK, UL94V-0  
 CONTACT: COPPER ALLOY  
 PLATING:  
 UNDERPLATE: 2µm [80µ"] NICKEL  
 WIPING AREA: .76µm [30µ"] GOLD  
 TERMINATION AREA: GOLD FLASH OVER NICKEL  
 SHROUD & LATCH HOOK: STEEL  
 PLATING: NICKEL  
 GROUND LOCK: COPPER 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<sub>DC</sub>  
 WITHSTANDING VOLTAGE: 350 V<sub>AC</sub> 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                               | DATE                       |      |      |
| CASTIGLIONE                     | JAN 05, 2011  | DR   | JAN 12, 2011                       |                            |      |      |
| CHKD                            | DATE          | APP'D  | DATE                               | DATE                       |      |      |
|                                 |               | B. CRONCH  | JAN 12, 2011                       |                            |      |      |
| DIVISION                        | DIVISION CODE | © 3M COPYRIGHT 2011  |                                    |                            |      |      |
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| DO NOT SCALE DRAWING            | SCALE 6/1     | 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.                               |                            |      |      |
| MARKED SURFACES                 | .000 ±.13     | ANGL   | E                                  |                            |      |      |
| MARKED ONLY                     | ANGL          | MODEL  | 122XX-51X0-00                      |                            |      |      |
|                                 |               | DET  | 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.

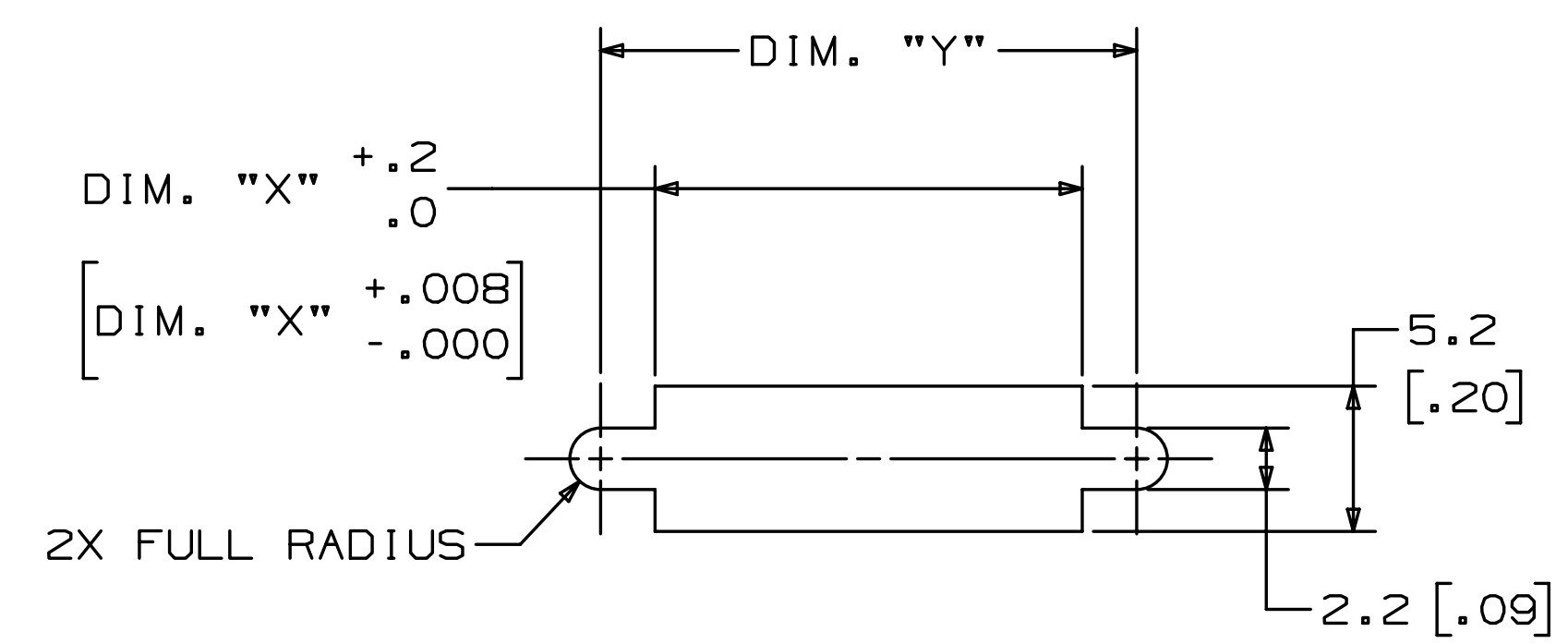
| PANEL THICKNESS | CONNECTOR       | JACKSOCKET                    |
|-----------------|-----------------|-------------------------------|
| NO PANEL        | 122XX-5150-00FR | FACTORY INSTALLED (SEE NOTE)  |
| 0.8±0.1MM       | 122XX-5100-00FR | 12600-S-08 (ORDER SEPARATELY) |
| 1.0±0.1MM       | 122XX-5100-00FR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



RECOMMENDED PANEL CUT-OUT  
 (MAXIMUM PANEL THICKNESS 1.2MM)

| 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  |             |                            |      |              |
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| DO NOT SCALE DRAWING            | SCALE 4/1     | TOLERANCES EXCEPT AS NOTED   |             |                            |      |              |
|                                 |               | INCHES   |             |                            |      |              |
|                                 |               | .0 ±.006   |             |                            |      |              |
|                                 |               | .00 ±.006  |             |                            |      |              |
|                                 |               | .0000 ±.005  |             |                            |      |              |
|                                 |               | MILLIMETERS  |             |                            |      |              |
|                                 |               | 0 ±.15   |             |                            |      |              |
|                                 |               | .00 ±.15   |             |                            |      |              |
|                                 |               | .000 ±.13  |             |                            |      |              |
| THIRD ANGLE PROJECTION          |               | CAGE SIZE DRAWING NO.  |             |                            |      |              |
| INTERPRET PER ASME Y14.5 - 1994 |               | NUMBER D 78-5100-2124-5  |             |                            |      |              |
| MAX SURFACE ROUGHNESS           |               | MODEL 122XX-51X0-00  |             |                            |      |              |
| MARKED SURFACES                 |               | REV. E   |             |                            |      |              |
| MARKED ONLY                     |               | DET. [ ] YES [X] NO SHT 2 OF 2   |             |                            |      |              |



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- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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