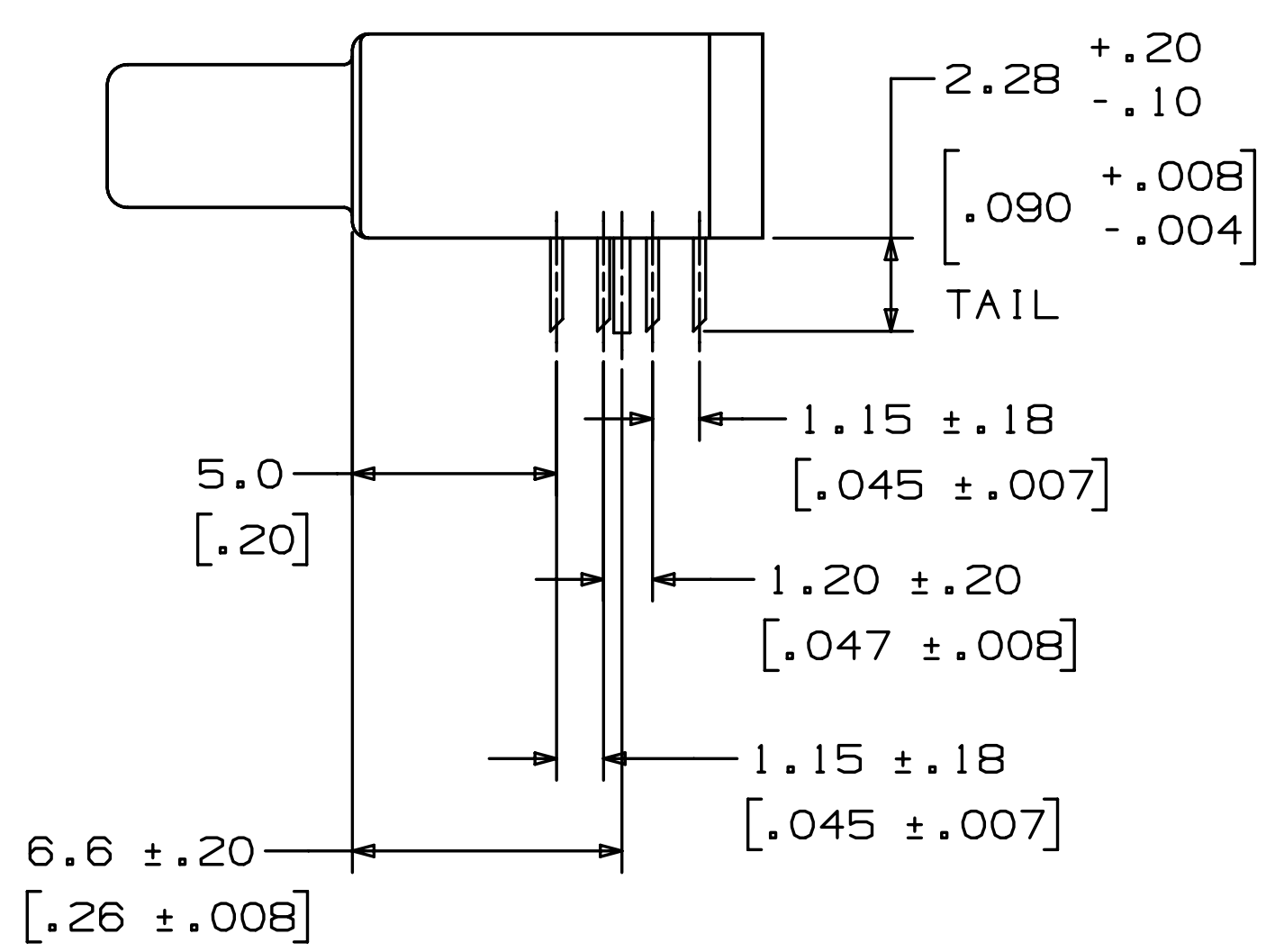
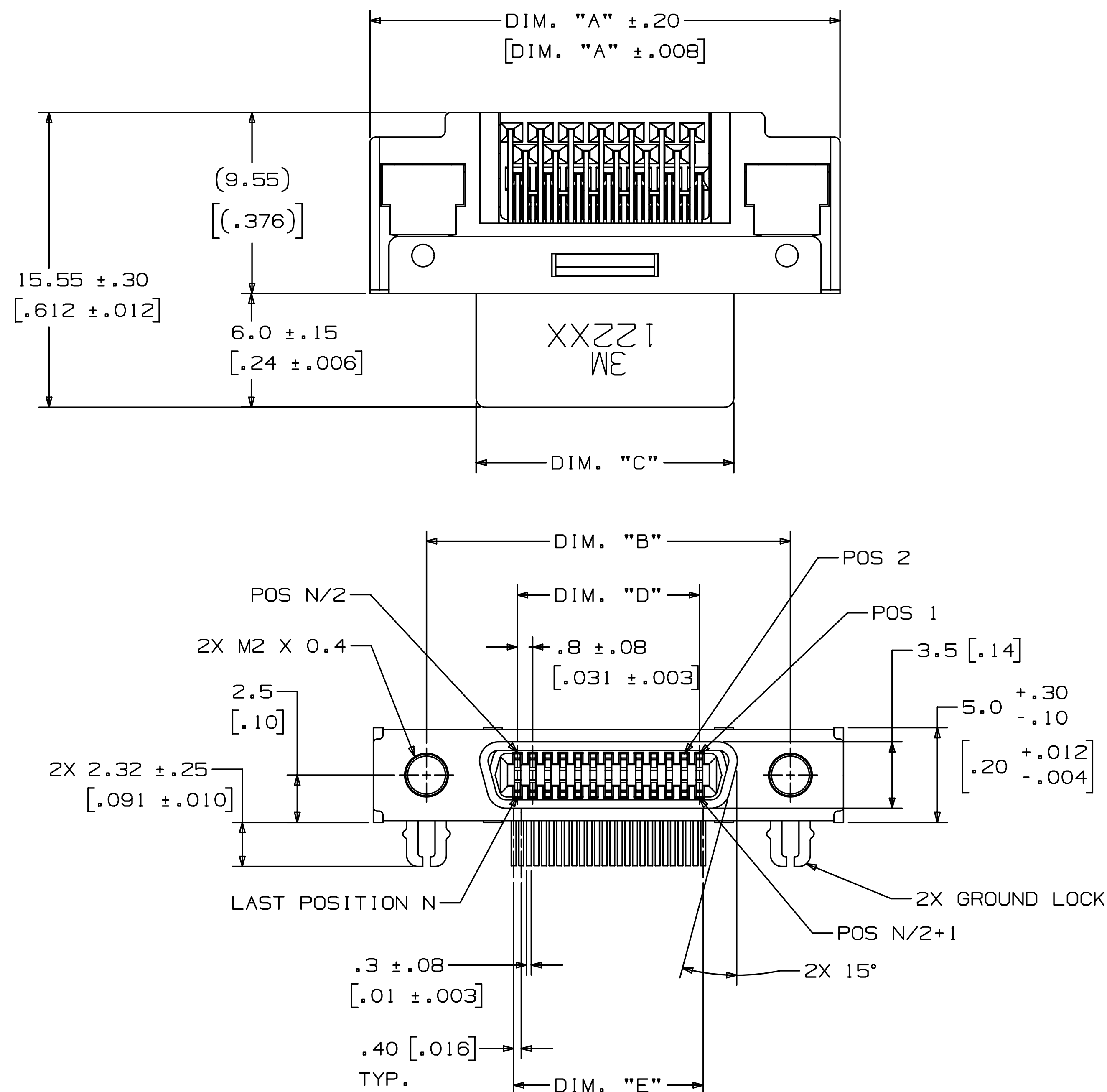


3M™ Shrunk Delta Ribbon (SDR) Connectors, 122 Series  
 .80 mm Through-Hole, Right Angle Receptacle, Shielded



- NOTES
- MATERIAL:  
 INSULATION: HIGH TEMPERATURE NYLON  
 COLOR: BLACK, UL94V-0  
 CONTACT: COPPER ALLOY  
 PLATING:  
 UNDERPLATE: 2 $\mu$ m [80 $\mu$ ] NICKEL  
 WIPING AREA: .76 $\mu$ m [30 $\mu$ ] 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  $\Omega$  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.

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

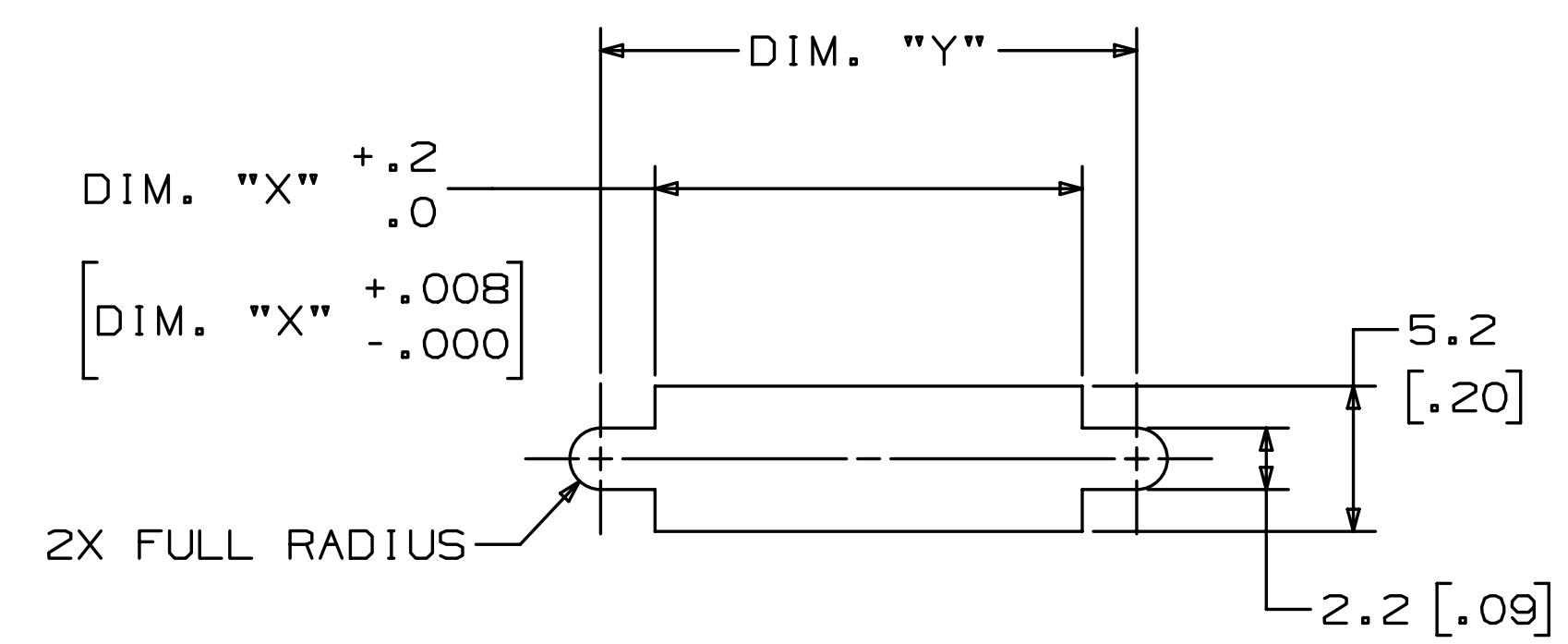
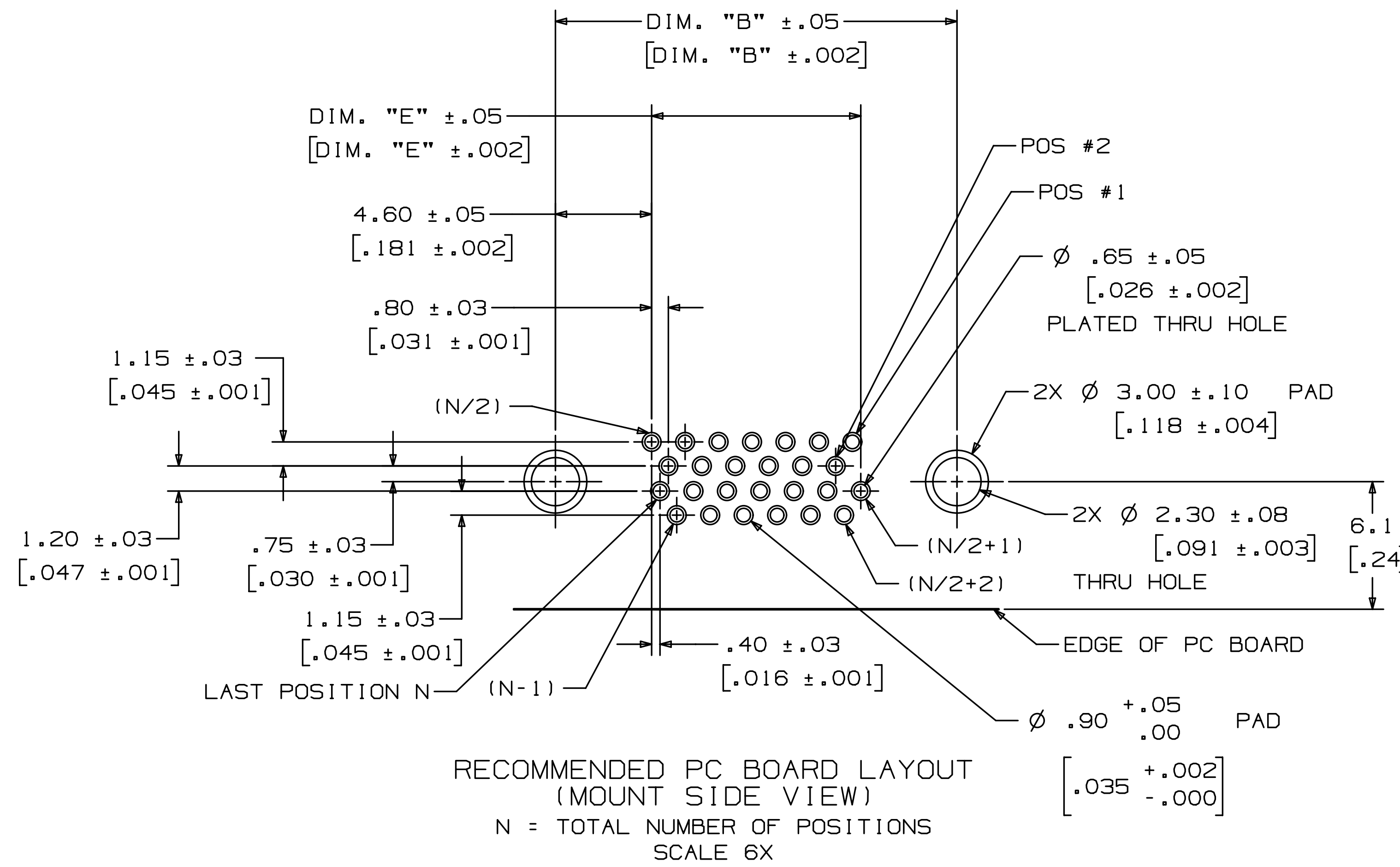
DIMENSIONS ARE IN MM.  
 SECONDARY ARE IN [ INCHES ]  
 AND ARE FOR REFERENCE ONLY

DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
E 30752		JAN 05,2011		JNC	SC			
OFFT CASTIGLIONE		DATE JAN 05,2011		APP		DATE		
CHKD		DATE		APP		DATE		
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		3M Center St. Paul, MN 55144				
DO NOT SCALE DRAWING	SCALE 6/1	TOLERANCES EXCEPT AS NOTED		TITLE				
		INCHES		3M SHRUNK DELTA RIBBON (SDR) CONN. 122XX-51X0-00FR				
		MILLIMETERS		CAGE SIZE DRAWING NO.				
		0 ±		NUMBER D 78-5100-2124-5 E				
		.00 ± .006		MODEL				
		.000 ± .006		122XX-51X0-00				
		.0000 ± .005		DET				
THIRD ANGLE PROJECTION		0 ±		1515 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO SHT 1 OF 2				
INTERPRET PER ASME Y14.5 - 1994		.0 ±						
		.0 ± .15						
MAX SURFACE ROUGHNESS		.00 ± .15						
UNFINISHED SURFACES		.000 ± .13						
<input checked="" type="checkbox"/> MARKED ONLY		ANGLE						

**cru**  
 UL FILE NO: E68080

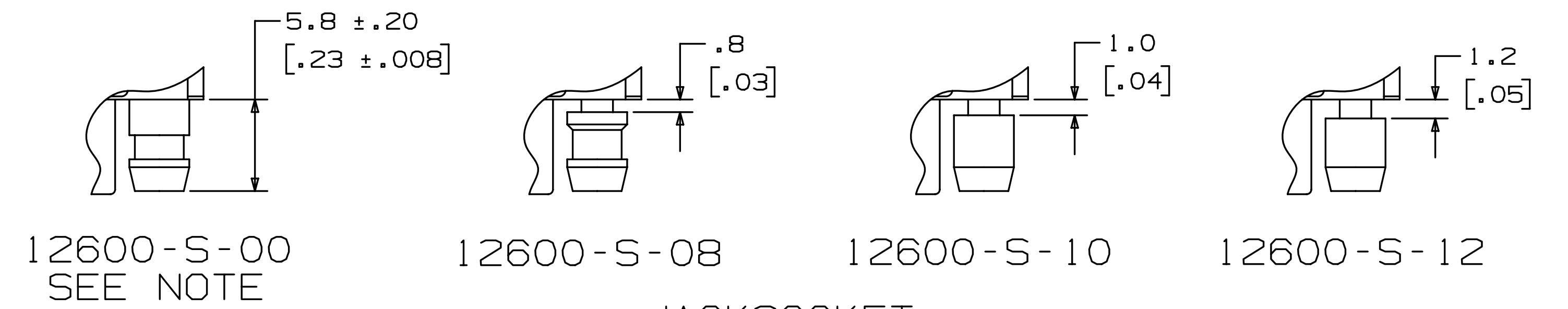
# 3M™ Shrunk Delta Ribbon (SDR) Connectors, 122 Series

.80 mm Through-Hole, Right Angle Receptacle, Shielded



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



JACKSOCKET  
M2 X 0.4

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)

DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
E 30752		JAN 05, 2011		JNC	SC			
DISTRIBUTION CODE		OFF		DATE	DATE			
CASTIGLIONE		JAN 05, 2011		APPV	DATE			
DIVISION		DIVISION CODE						
Interconnect Solutions		ISD						
DO NOT SCALE DRAWING	SCALE 1	TOLERANCES EXCEPT AS NOTED						
THIRD ANGLE PROJECTION		INCHES		© 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.				
INTERPRET PER ASME Y14.5 - 1994		MILLIMETERS		TITLE				
MAX SURFACE ROUGHNESS		0 ±		3M SHRUNK DELTA RIBBON (SDR) CONN.				
UNMARKED SURFACES		.00 ± .15		122XX-51X0-00FR				
MARKED SURFACES		.000 ± .13		CAGE NUMBER		DRAWING NO.		REV.
✓ MARKED ONLY		ANGL 8° ±		D 78-5100-2124-5		E		
		MODEL		122XX-51X0-00		DET		SHT 2 OF 2

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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.

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