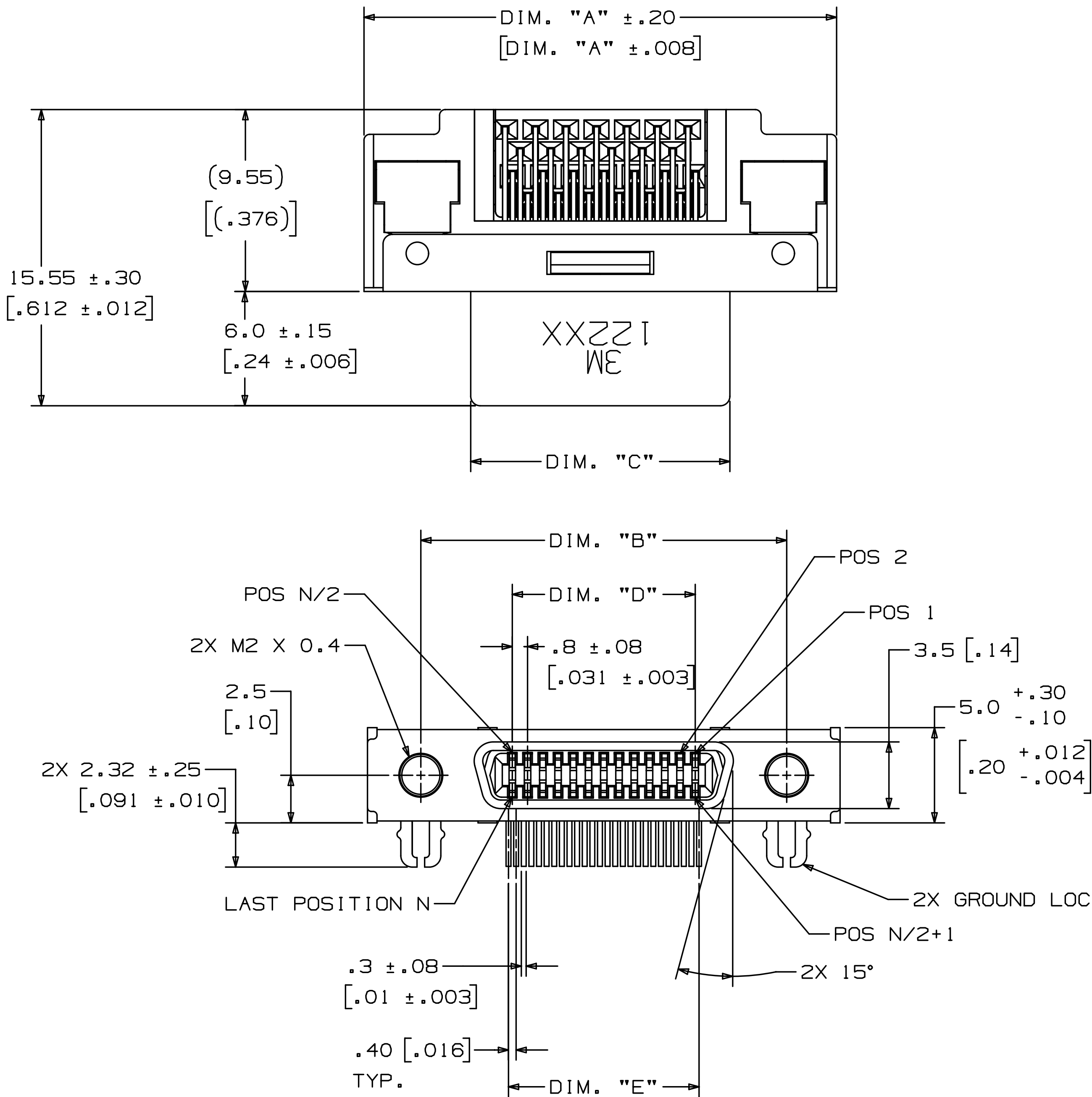


3M™ Shrunk Delta Ribbon (SDR) Connectors, 122 Series
.80 mm Through-Hole, Right Angle Receptacle, Shielded



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

CONTACT: COPPER ALLOY
PLATING:
UNDERPLATE: 2 μ m [80 μ "] NICKEL
WIPING AREA: .76 μ m [30 μ "] 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
2. MARKING: 3M LOGO AND PART NUMBER.
3. ELECTRICAL:
CURRENT RATING: 0.5 A
INSULATION RESISTANCE: 500 M Ω MIN AT 250 V_{DC}
WITHSTANDING VOLTAGE: 350 V_{AC} FOR 1 MINUTE
4. 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.
5. IN THE EVENT OF CONFLICT BETWEEN THIS DATA
AND THAT CONTAINED IN THE PRODUCT
SPECIFICATION, THE PRODUCT SPECIFICATION
TAKES PRECEDENT.
6. FOR VARIOUS PANEL THICKNESS JACKSOCKETS
REFER TO TS-0142.
7. 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]

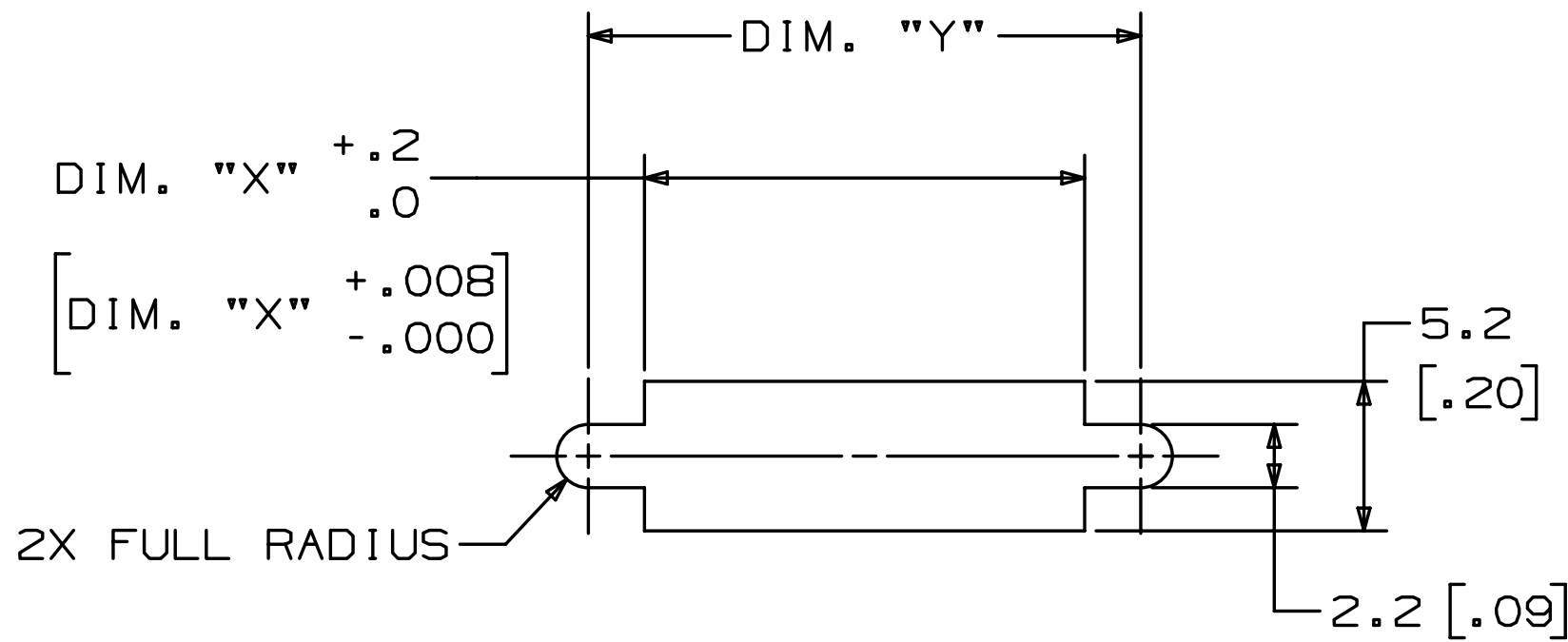
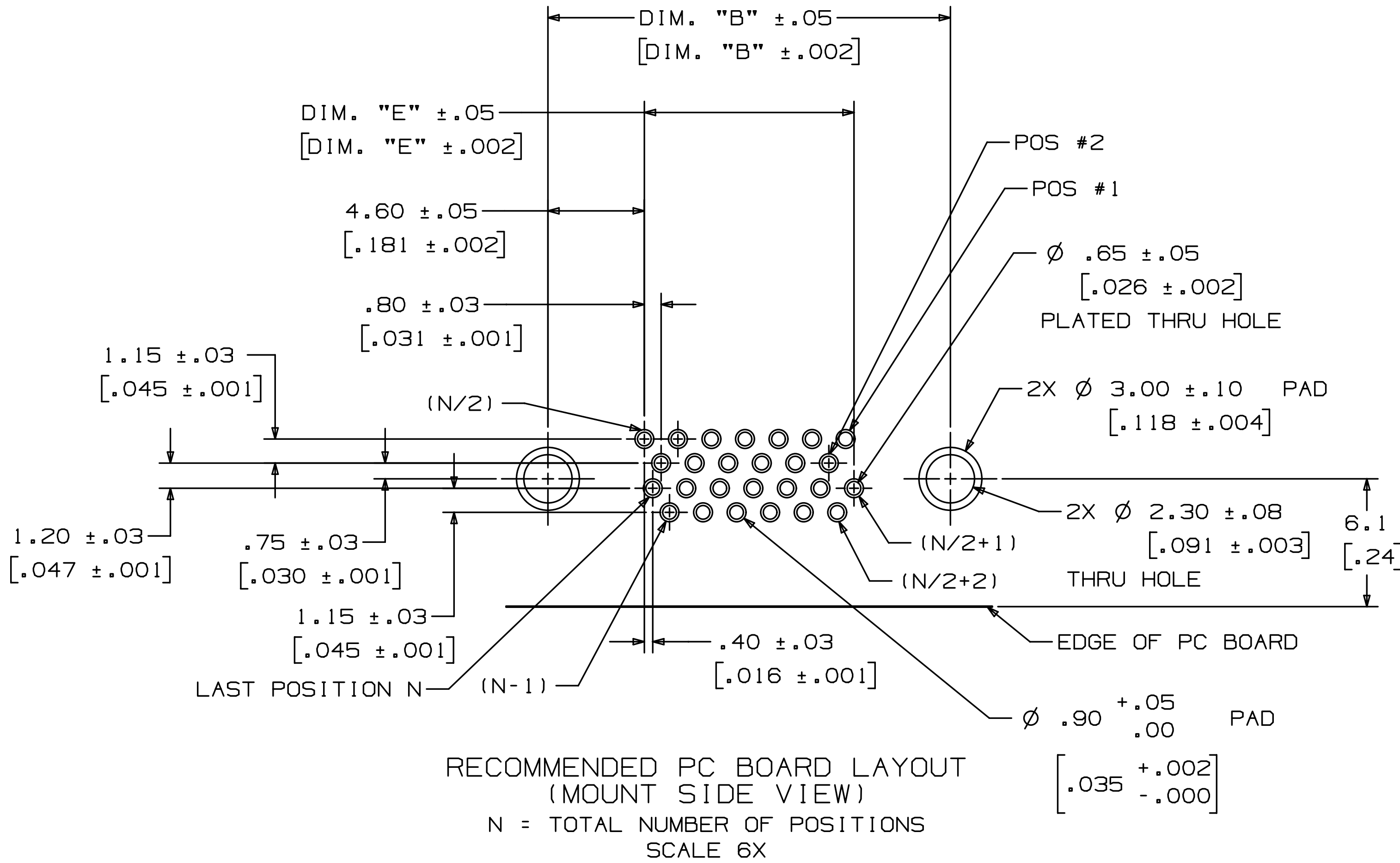
CONNECTOR DIMENSION TABLE
TABLE 1

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
122XX-51X0-00		001	001	JAN 05,2011		
DIVISION	INTERCONNECT SOLUTIONS	DIVISION CODE	ISD	DATE	DATE	DATE
DO NOT SCALE DRAWING	SCALE 6/1	TOLERANCES EXCEPT AS NOTED		DATE	DATE	DATE
THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 1994	INCHES .00 $\pm$.006 .000 $\pm$.006 .0000 $\pm$.005		DATE	DATE	DATE
MAX. SURFACE ROUGHNESS	ALL SURFACES	MILLIMETERS 0 $\pm$.00 $\pm$.15 .00 $\pm$.15 .000 $\pm$.13		DATE	DATE	DATE
MARKED ONLY				DATE	DATE	DATE
3M	3M Center St. Paul, MN 55144	© 3M COPYRIGHT 2011		DATE	DATE	DATE
TITLE	3M SHRUNK DELTA RIBBON (SDR) CONN. 122XX-51X0-00FR			DATE	DATE	DATE
CAGE NUMBER	78-5100-2124-5	DRAWING NO.		DATE	DATE	DATE
MODEL	122XX-51X0-00	REV.		DATE	DATE	DATE
		YES NO		DATE	DATE	DATE

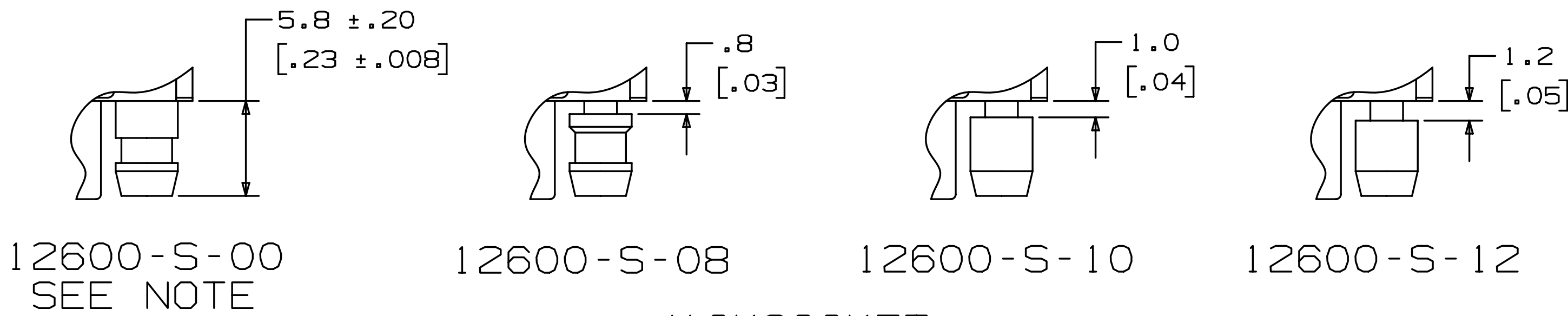
UL FILE NO: E68080

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



RECOMMENDED PANEL CUT-OUT DIMENSION TABLE
TABLE 2

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]



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 $\pm$ 0.1MM	122XX-5100-00FR	12600-S-08 (ORDER SEPARATELY)
1.0 $\pm$ 0.1MM	122XX-5100-00FR	12600-S-10 (ORDER SEPARATELY)
1.2 $\pm$ 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)

E 30752		JAN 05, 2011		JNC		SC	
REVISED AND REDRAWN							
REV ECO		ISSUE DATE AND DESCRIPTION		DRFT		CHKD	
ASTIGLIONE		DATE JAN 05, 2011		MFO		DATE	
CHKD		DATE		DATE		DATE	
				"CRONCH		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 clear without written permission or used or disclosed other than for 3M authorized purposes. All rights reserved.			
Interconnect Solutions		ISD					
DO NOT SCALE DRAWING		TOLERANCES EXCEPT AS NOTED					
SCALE 4/1		INCHES					
		.00 ± .006					
THIRD ANGLE PROJECTION		.00 ± .006					
INTERPRET PER ASME Y14.5 - 1994		.0000 ± .005					
MAX SURFACE ROUGHNESS		MILLIMETERS					
ALL SURFACES		.00 ± .15					
✓ MARKED ONLY		.00 ± .15					
ANGLES		.000 ± .13					
CAGE NUMBER		SIZE DRAWING NO.		REV.			
D 78-5100-2124-5		E					
MODEL		122XX-51X0-00		DET.		SHT 2 OF 2	
				1STS		YES NO	



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- 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.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- 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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Факс: 8 (812) 320-02-42

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