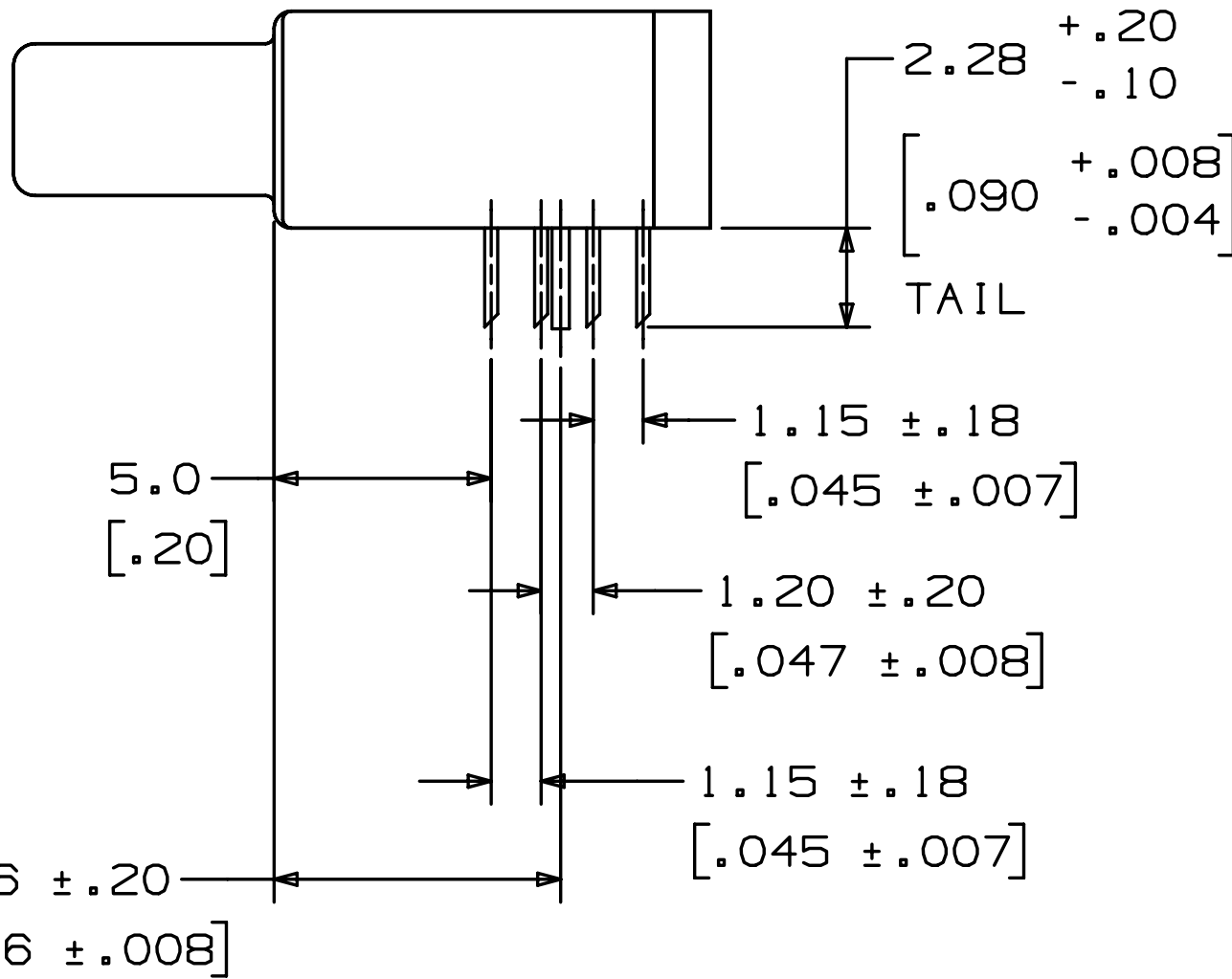
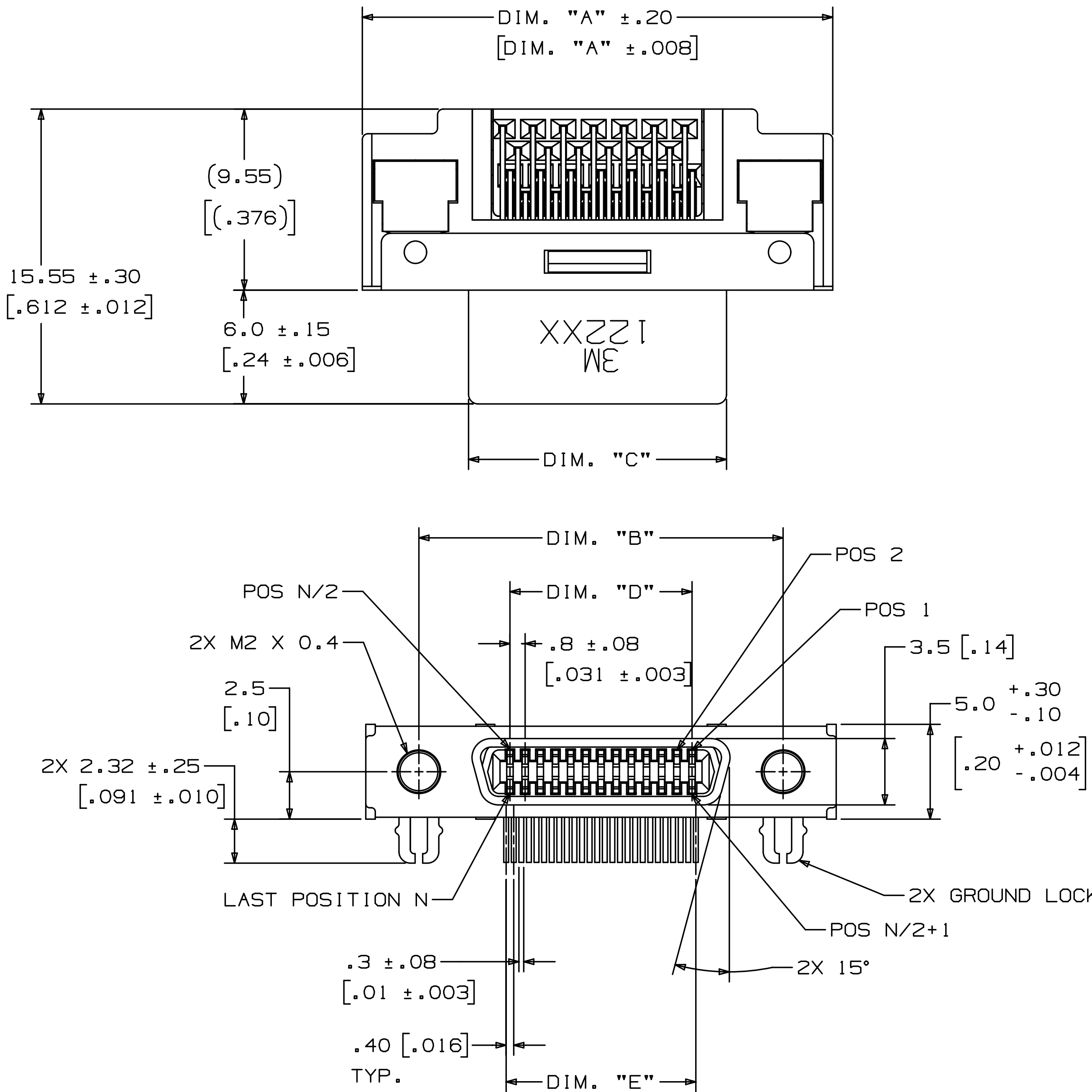


3M™ Shrunk Delta Ribbon (SDR) Connectors, 122 Series
.80 mm Through-Hole, Right Angle Receptacle, Shielded



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

1. 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

2. MARKING: 3M LOGO AND PART NUMBER.

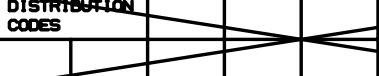
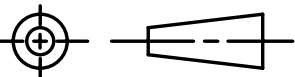
3. ELECTRICAL:
CURRENT RATING: 0.5 A
INSULATION RESISTANCE: 500 MΩ MIN AT 250 V_{DC}
WITHSTANDING VOLTAGE: 350 V_{AC} FOR 1 MINUTE

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.

DIMENSIONS ARE IN MM. SECONDARY ARE IN [INCHES] AND ARE FOR REFERENCE ONLY				E	30752	JAN 05,2011			JNC	SC	
				REVISED AND REDRAWN							
DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION			DRFT	CHKD	
DISTRIBUTION CODES				CHK	CUST IGLIONE			DATE	JAN 05,2011	INFO	DATE
				CHKD				DATE		APPL.	DATE
							J. CRONCH			JAN 12,2011	
DIVISION				DIVISION CODE							
Interconnect Solutions				ISD							
DO NOT SCALE DRAWING		SCALE 1		TOLERANCES EXCEPT AS NOTED							
				INCHES							
THIRD ANGLE PROJECTION				.00 ± .008							
				.000 ± .008							
				.0000 ± .005							
INTERPRET PER ASME Y14.5 - 1994				MILLIMETERS							
				0 ±							
				.00 ± .015							
MAX SURFACE ROUGHNESS				.00 ± .015							
				.00 ± .013							
				.00 ± .013							
				ANGLES							
✓ ☐ MARKED ONLY											
				3M Center St. Paul, MN 55144							
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				TITLE							
				3M SHRUNK DELTA RIBBON (SDR) CONN. 122XX-51X0-00FR							
CASE NUMBER		SIZE		DRAWING NO.			REV.				
D		D		D78-100-2124-5			E				
MODEL		122XX-51X0-00		DET.		LISTS		YES ☒ NO		SHT 1 OF 4	