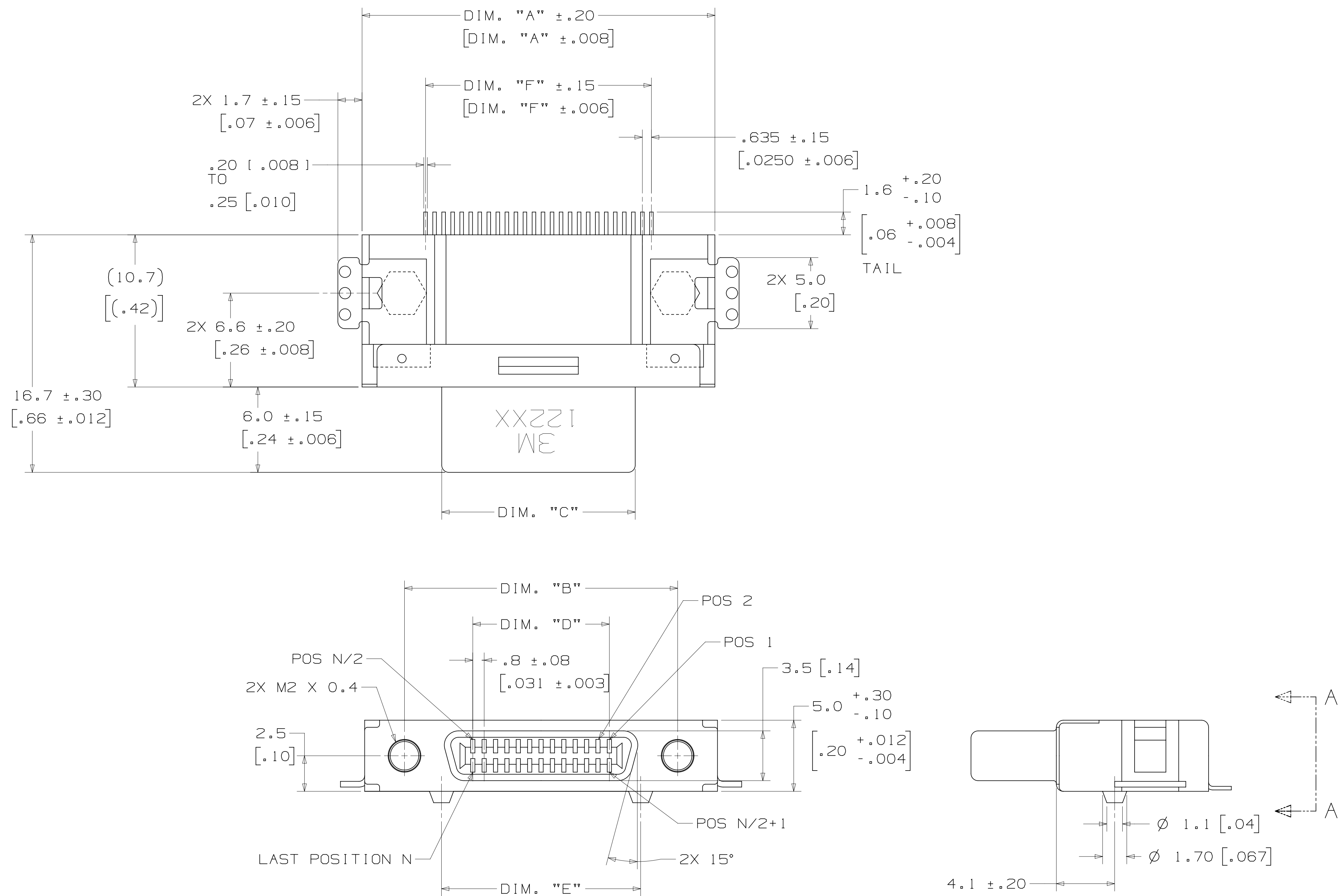


3M™ Shrunk Delta Ribbon (SDR) Connectors, 122 Series
 .80 mm Surface Mount, Right Angle Receptacle, Shielded



POSITION	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"	DIM. "F"	DIM. "G"
14	20.0 [.79]	14.4 [.57]	8.8 [.35]	4.8 [.19]	9.2 [.36]	8.255 [.3250]	19.0 [.75]
26	24.8 [.98]	19.2 [.76]	13.6 [.54]	9.6 [.38]	14.0 [.55]	15.875 [.6250]	23.8 [.94]

CONNECTOR DIMENSION TABLE
 TABLE 1

- NOTES
- MATERIAL:
 INSULATION: 14 PIN: PPS, 26 PIN: LCP
 COLOR: BLACK, UL94V-0

 CONTACT: COPPER ALLOY
 PLATING:
 SEE ORDERING INFO SHEET 2

 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

 EARTH PLATE: COPPER ALLOY
 PLATING: TIN

 HEX NUT: BRASS
 - 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.
 - 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
		1		JAN 07, 2011		
DIVISION CODE		DIVISION CODE		DATE		
Interconnect Solutions		ISD		MFG		
DO NOT SCALE DRAWING		SCALE 6-1		DATE		
THIRD ANGLE PROJECTION		TOLERANCES EXCEPT AS NOTED		DATE		
INTERPRET PER ASME Y14.5 - 1994		INCHES		DATE		
MAX SURFACE ROUGHNESS		MILLIMETERS		DATE		
SURFACES MARKED ONLY		0 ±		DATE		
		.00 ± .006		DATE		
		.000 ± .006		DATE		
		.0000 ± .005		DATE		
		0 ±		DATE		
		.00 ± .15		DATE		
		.000 ± .13		DATE		
		ANGLES		DATE		

F	40541	MAY 01, 2012	ARM	DFC
E	30752	JAN 05, 2011	JNC	SC
REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
1		JAN 07, 2011		
2		REVISED AND REDRAWN		
DESIGNER		DATE	DATE	
CASTIGLIONE		JAN 07, 2011	MFG	
CHKD		DATE	DATE	
D. CRONCH			MAR 30, 2011	

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3M Center St. Paul, MN 55144

TITLE
 3M SHRUNK DELTA RIBBON (SDR) CONN. 122XX-82X0-00XX

CAGE NUMBER
 D 78-5100-2125-2

REV. F

MODEL 12200

DET. 12200

1ST IS YES NO SHT 1 OF 2



DRAWING NUMBER 78-5100-2125-2

REVISION

