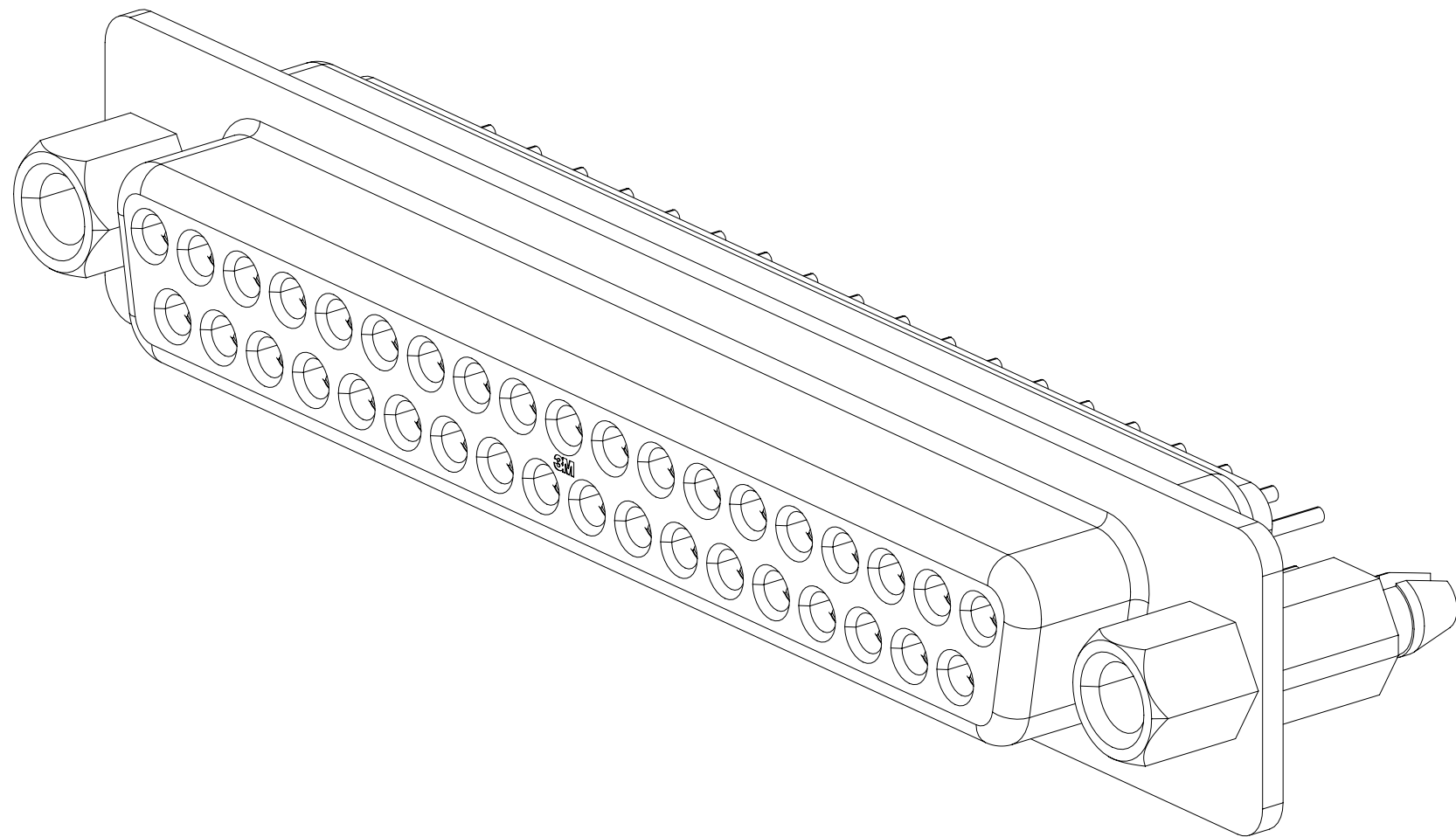


3M™ BOARDMOUNT D-SUB STRAIGHT PLUG CONNECTOR, 885 SERIES
FEMALE, SOLDER TAIL



2 PHYSICAL :

INSULATOR: GLASS FILLED POLYESTER (PBT)
MATERIAL: UL94V-0
FLAMMABILITY: COLOR: BLACK
CONTACT: MATERIAL: COPPER ALLOY
PLATING: UNDER PLATING: 1.27µm (50µ") AVG. NICKEL-OVERALL
WIPING AREA: 0.76µm (30µ") AVG. GOLD
SOLDER TAILS: 3µm-5µm (0.076µ"-0.127µ") MATTE TIN
MARKINGS: 3M LOGO

2 ELECTRICAL :

CURRENT RATING: 1A
INSULATION RESISTANCE: >1×10⁹Ω
WITHSTANDING VOLTAGE: 1,000V_{RMS}, 1mA, 60s
VOLTAGE RATING: 300V

2 ENVIRONMENTAL :

TEMPERATURE RATING: -40° C TO +100° C

ORDERING INFORMATION
885XX-6000

NUMBER OF PINS
(SEE TABLE 1)

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DIMENSIONS: MM [INCHES]
[INCHES] IS FOR REF. ONLY

DESIGN REFERENCE				NEXT ASSEMBLY				REV	ECO	ISSUE DATE AND DESCRIPTION				DRFT	CHKD												
ADDRESS								DRP	CASTIGLIONE	DATE				SEP 18, 2023	MFG	DATE											
CODES								CHKD		DATE					APPV	DATE											
															J. GOERTZ	SEP 18, 2023											
DIVISION				DIVISION CODE																							
				EMSD																							
DO NOT SCALE DRAWING				SCALE 4 1				TOLERANCES EXCEPT AS NOTED				3M 3M Center St. Paul, MN 55144				© 3M COPYRIGHT 2023 This document and the information it contains are 3M property and may not be reproduced or further distributed without the express permission, in writing or disclosed other than for 3M authorized purposes. All rights reserved.											
				INCHES				TITLE				BOARDMOUNT D-SUB STRAIGHT FEMALE PLUG CONNECTOR															
THIRD ANGLE PROJECTION				MILLIMETERS				CAGE NUMBER				SIZE DRAWING NO.				REV. A											
INTERPRET PER ASME Y14.5 - 2018				0 ± .5				D 78-5100-2792-9																			
MAX SURFACE ROUGHNESS				0 ± .38																							
✓ MAX SURFACES				0 ± .25																							
□ MARKED ONLY				0 ± .025																							
				ANGLER				MODEL				D-SUB				DET. LISTS				YES X NO				SHT 1 OF 3			

3M™ BOARDMOUNT D-SUB STRAIGHT PLUG CONNECTOR, 885 SERIES
FEMALE, SOLDER TAIL

NOTES
1. N = TOTAL NUMBER OF TERMINALS.

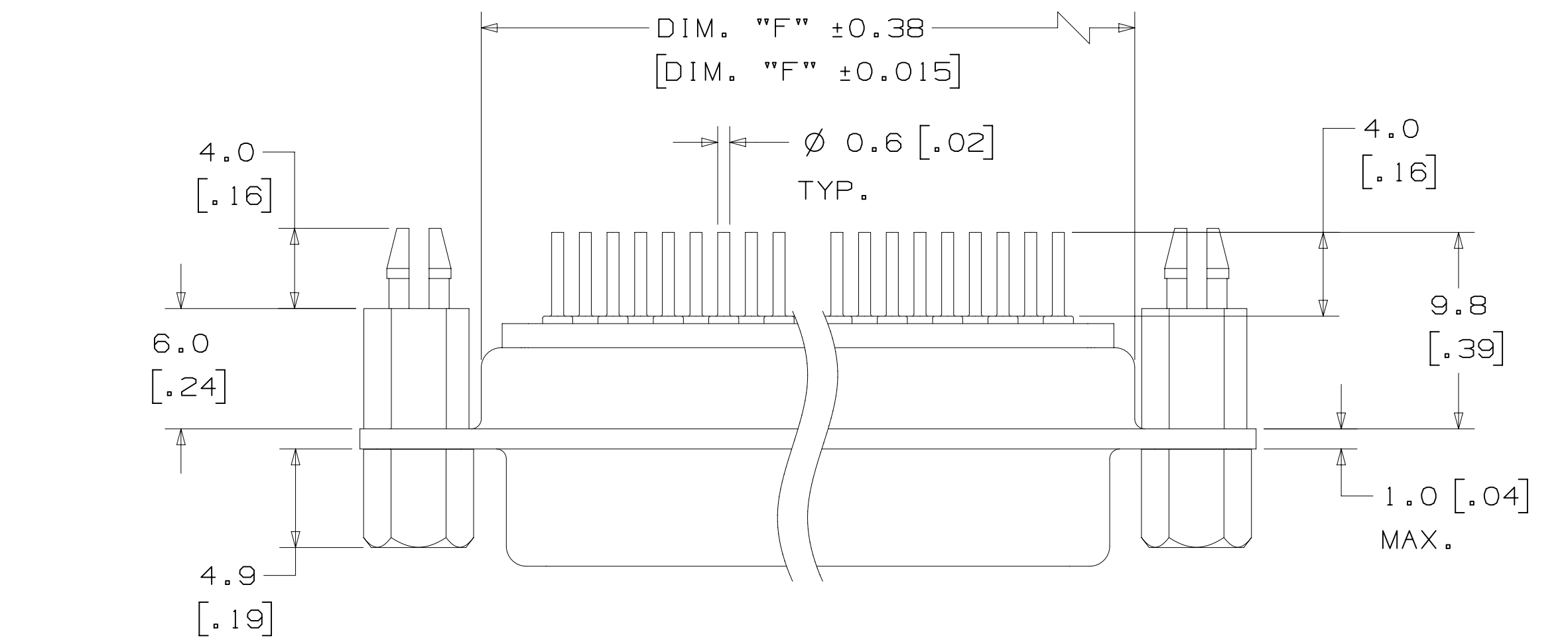
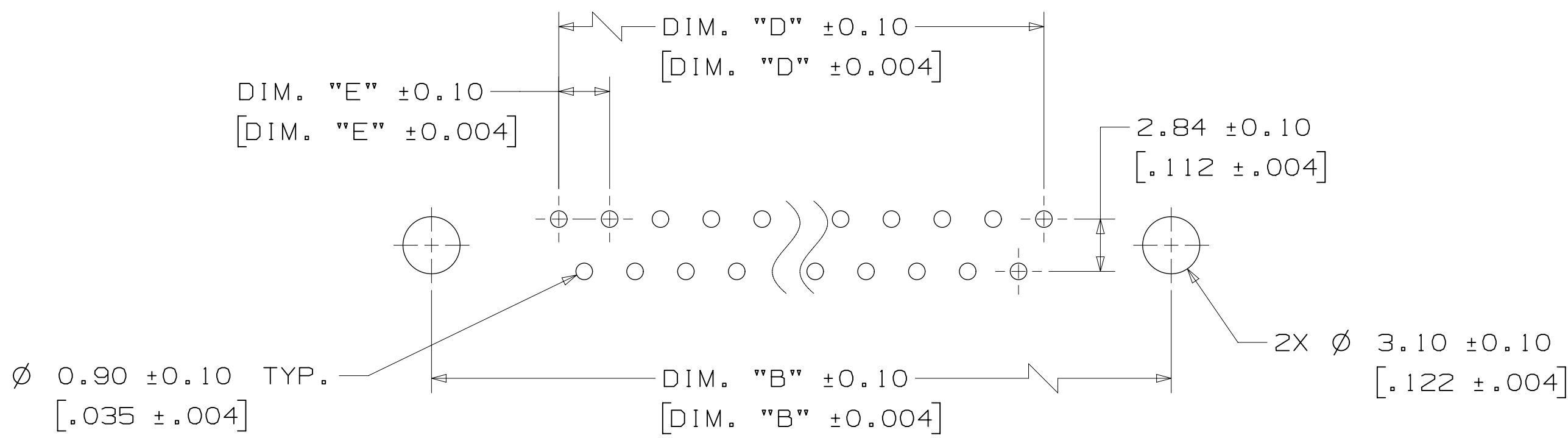
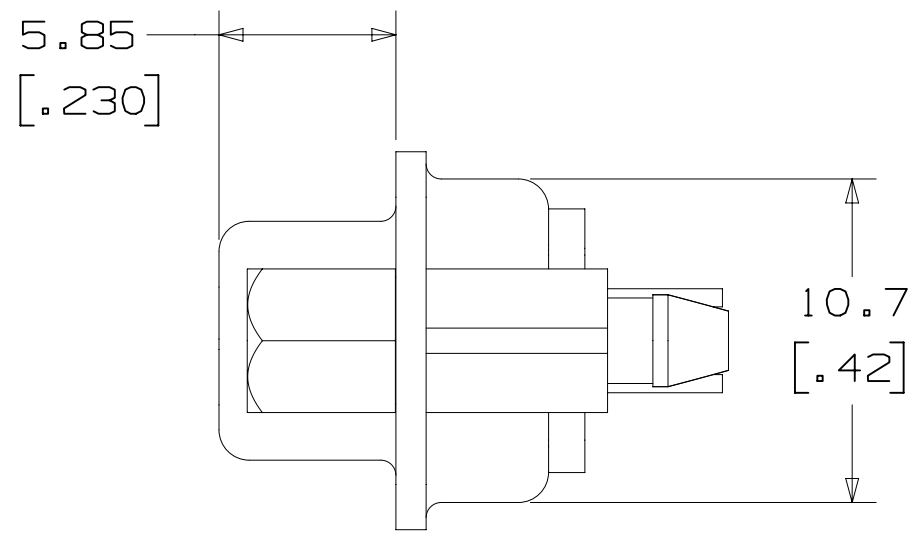
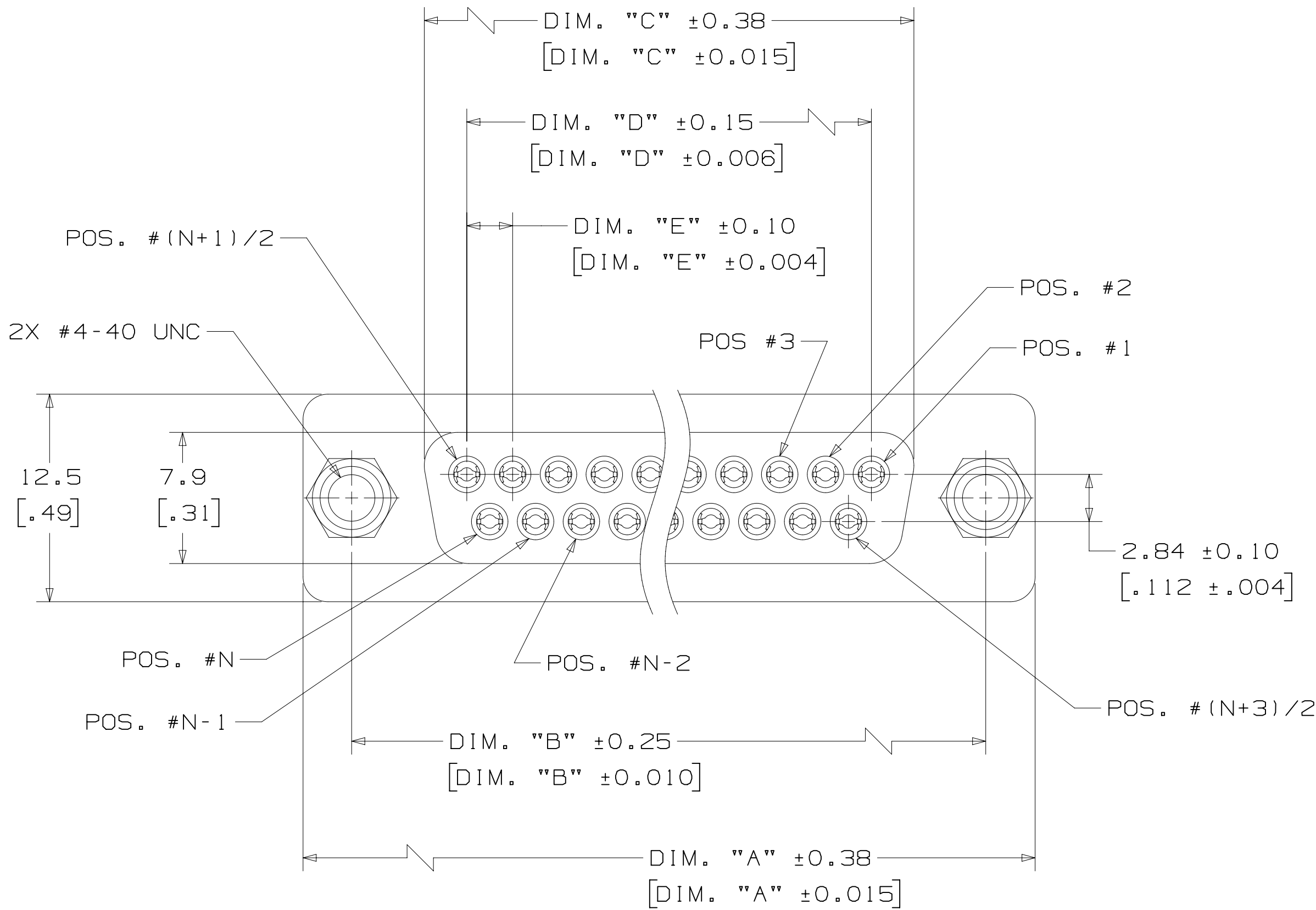


TABLE 1						
PIN QTY.	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"	DIM. "F"
09	30.80 [1.213]	25.00 [0.984]	16.35 [0.644]	10.96 [0.431]	2.74 [0.108]	19.20 [0.756]
15	39.20 [1.543]	33.30 [1.311]	24.66 [0.971]	19.18 [0.755]	2.74 [0.108]	27.70 [1.091]
25	53.04 [2.088]	47.04 [1.852]	38.40 [1.512]	33.12 [1.304]	2.76 [0.109]	41.10 [1.618]
37	69.40 [2.732]	63.50 [2.500]	54.80 [2.157]	49.68 [1.956]	2.76 [0.109]	57.30 [2.256]



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RECOMMENDED HOLE PATTERN
(AS VIEWED FROM CONNECTOR SIDE)

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
XXXXX		1		NOV 01, 2023 REMOVE CONTACT RESISTANCE	JNC	JG
DIVISION	DIVISION CODE	DRP	DATE	MFG	DATE	
	EMSD	CASTIGLIONE	SEP 18, 2023			
DO NOT SCALE DRAWING	SCALE 4/1	CHKD	DATE	APPR	DATE	
				J. GOERTZ	SEP 18, 2023	
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MAX SURFACE ROUGHNESS	DTX SURFACES	TOLERANCES EXCEPT AS NOTED				
✓ MARKED ONLY	✓ ANGLES	INCHES 0.00 ± 0.002 ± 0.000 ±				
		MILLIMETERS 0 ±.5 0.0 ±.38 0.00 ±.25 0.000 ±.025				
		TITLE BOARDMOUNT D-SUB STRAIGHT FEMALE PLUG CONNECTOR				
		CAGE NUMBER	SIZE	DRAWING NO.	REV.	
		D		78-5100-2792-9	A	
		MODEL	D-SUB	DET	YES	NO
		SHT 2 OF 3				

3M™ BOARDMOUNT D-SUB STRAIGHT PLUG CONNECTOR, 885 SERIES
FEMALE, SOLDER TAIL

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A		111930	NOV 01,2023		JNC	JG
		REMOVE CONTACT RESISTANCE				
DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
XXXXXX		DRP	CASTIGLIONE	DATE SEP 18,2023	MFG	DATE
		CHKD		DATE	APPRV J. GOERTZ	DATE SEP 18,2023
DIVISION		DIVISION CODE		EMSD		
DO NOT SCALE DRAWING	SCALE 4 1	TOLERANCES EXCEPT AS NOTED		3M 3M Center St. Paul, MN 55144		
THIRD ANGLE PROJECTION	INCHES	MILLIMETERS		© 3M COPYRIGHT 2023		
INTERPRET PER ASME Y14.5 - 2018	0 ±.5	0 ±.38		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.		
MAX SURFACE ROUGHNESS	0.00 ±.25	0.00 ±.025		CAGE NUMBER D78-5100-2792-9		
MARKED SURFACES	ANGLES	MODEL D-SUB		REV. A		
				DET LISTS YES NO SHT 3 OF 3		