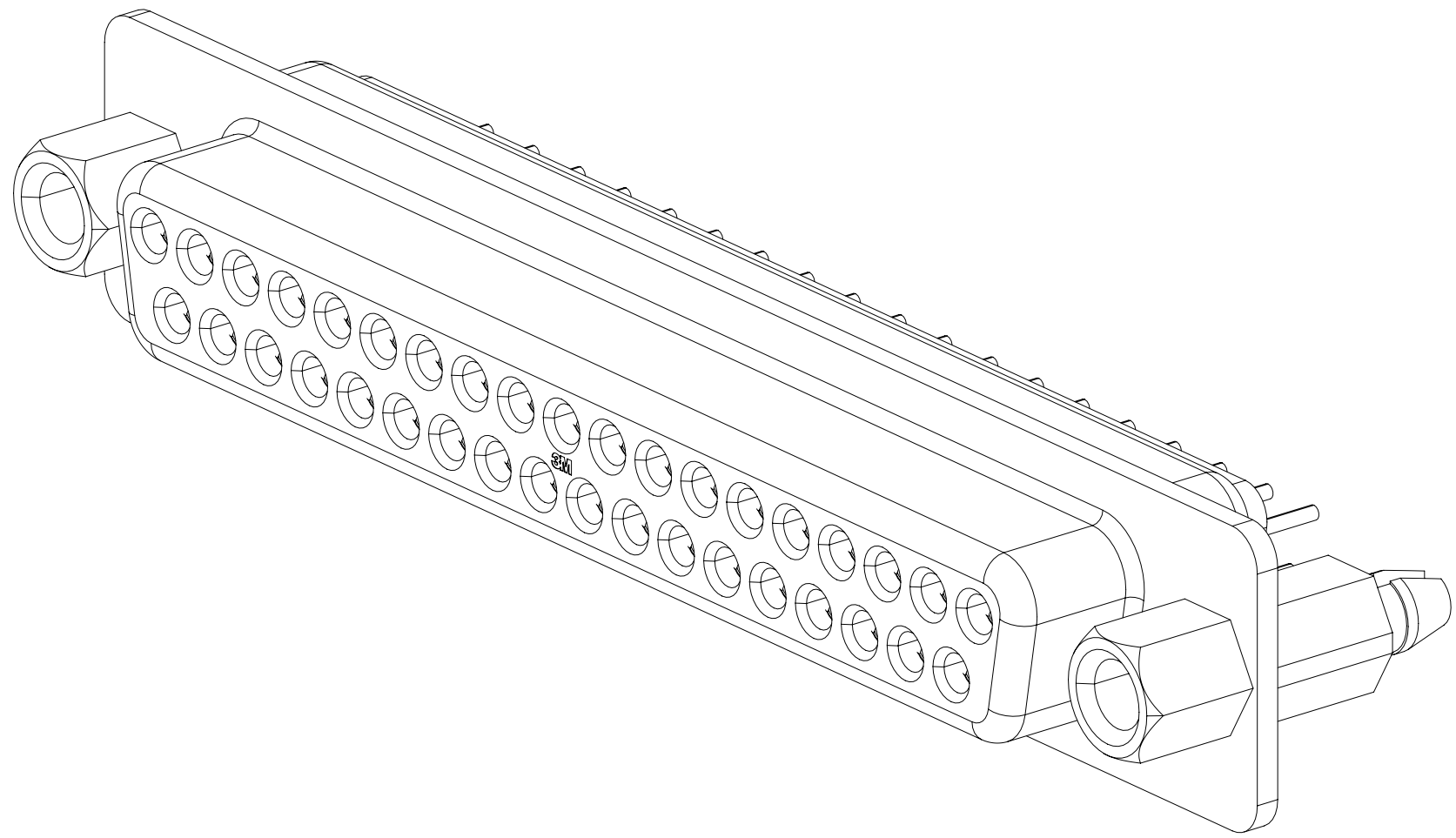


3M™ BOARDMOUNT D-SUB STRAIGHT SOCKET CONNECTOR, 885 SERIES  
FEMALE, SOLDER TAIL



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: >1×10<sup>9</sup>Ω  
WITHSTANDING VOLTAGE: 1,000V<sub>RMS</sub>, 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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**UL** **us**  
UL FILE NO: E68080

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

DESIGNATIONS: MM [ INCHES ]				A 111930		NOV 01,2023				JNC		JG					
ES) IS FOR REF. ONLY						REMOVE CONTACT RESISTANCE											
DESIGN REFERENCE				NEXT ASSEMBLY		REV		ECO		ISSUE DATE AND DESCRIPTION				DRFT		CHKD	
ADDRESS						REV		ECO		DATE				MFG		DATE	
CODES						REV		ECO		DATE				MFG		DATE	
						REV		ECO		DATE				MFG		DATE	
						REV		ECO		DATE				MFG		DATE	
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FEMALE, SOLDER TAIL

NOTES  
1. N = TOTAL NUMBER OF TERMINALS.

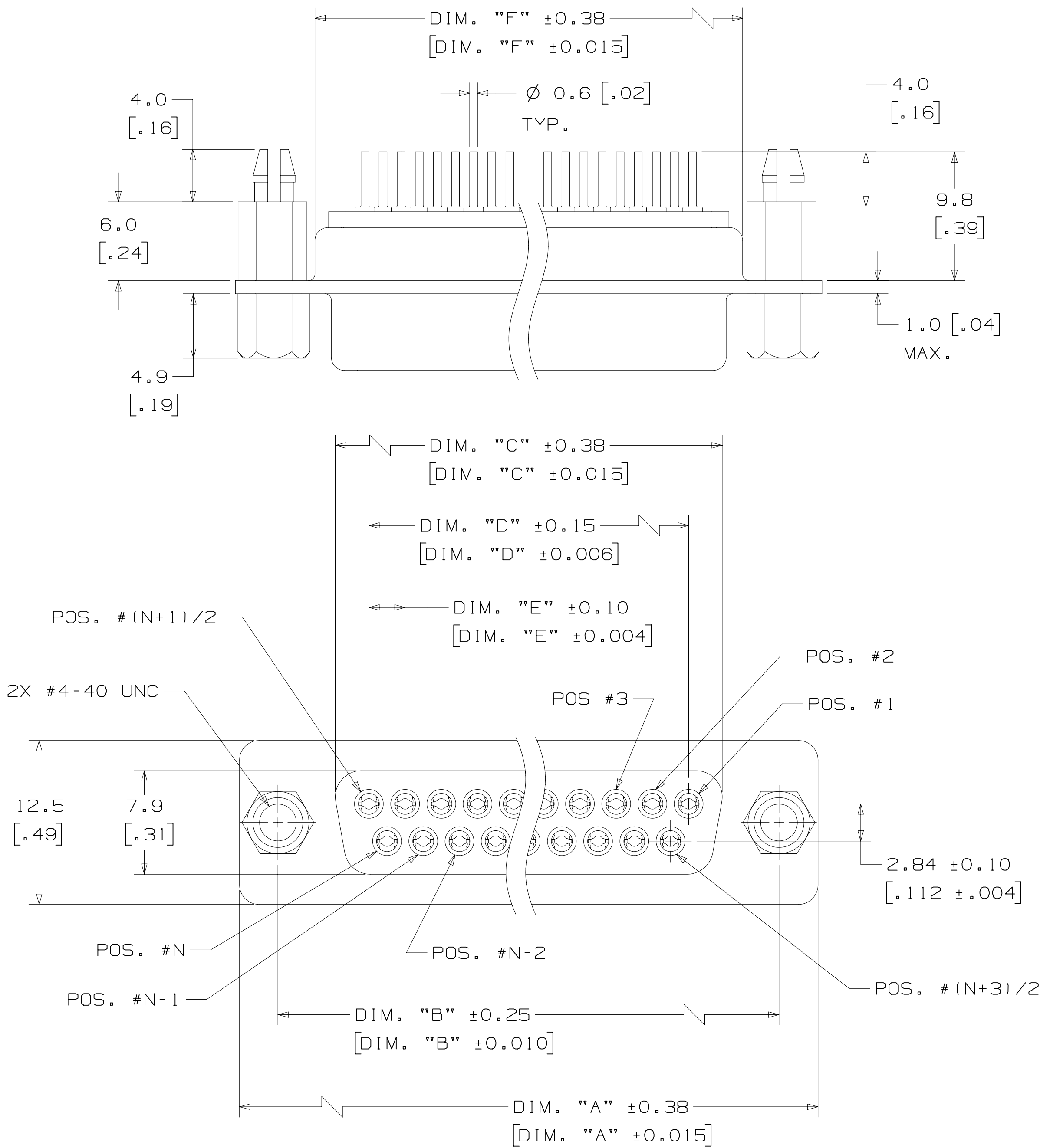
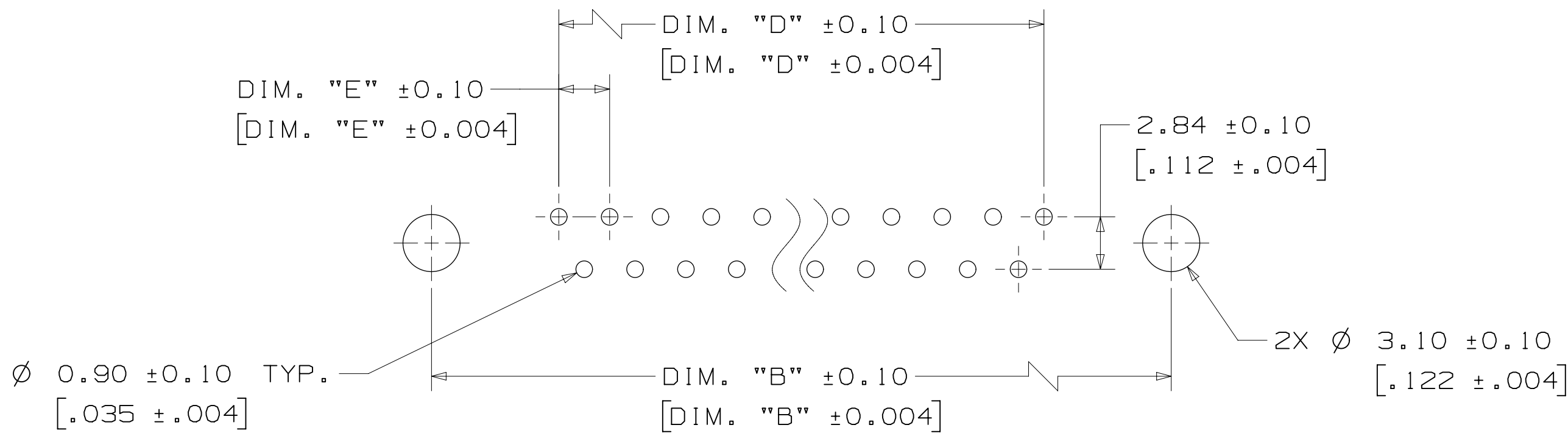
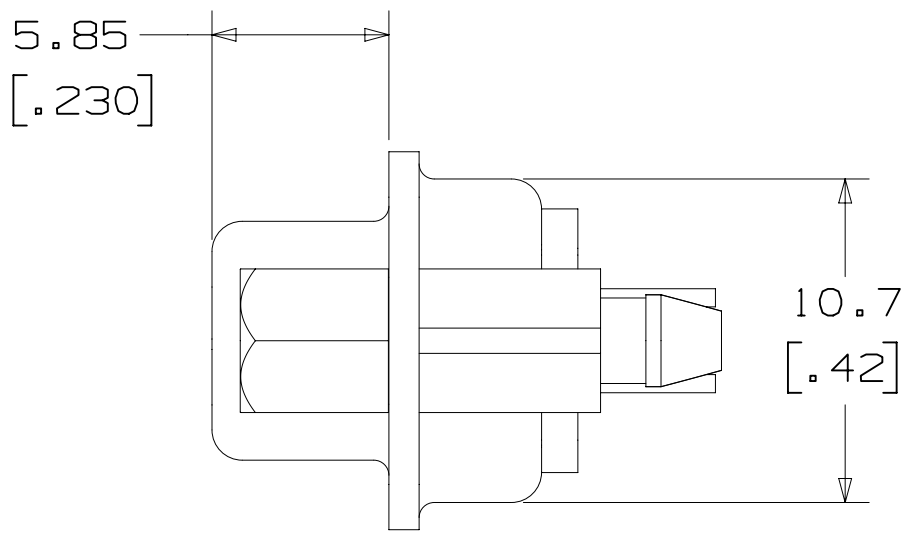


TABLE 1						
PIN QTY.	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"	DIM. "F"
09	30.80 [ 1.213 ]	25.00 [ 0.984 ]	16.35 [ 0.644 ]	10.96 [ 0.431 ]	2.74 [ 0.108 ]	19.20 [ 0.756 ]
15	39.20 [ 1.543 ]	33.30 [ 1.311 ]	24.66 [ 0.971 ]	19.18 [ 0.755 ]	2.74 [ 0.108 ]	27.70 [ 1.091 ]
25	53.04 [ 2.088 ]	47.04 [ 1.852 ]	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
1000000000		1		NOV 01, 2023 REMOVE CONTACT RESISTANCE	JNC	JG
DIVISION	DIVISION CODE	DATE	DATE	DATE	DATE	DATE
	EMSD	SEP 18, 2023	SEP 18, 2023	SEP 18, 2023	SEP 18, 2023	SEP 18, 2023
DO NOT SCALE DRAWING	SCALE 4/1	TOLERANCES EXCEPT AS NOTED				
THIRD ANGLE PROJECTION						
INTERPRET PER ASME Y14.5 - 2018						
MAX SURFACE ROUGHNESS						
1.6						
0.8						
0.4						
0.2						
0.1						
0.05						
0.025						
0.0125						
0.00625						
0.003125						
0.0015625						
0.00078125						
0.000390625						
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3M™ BOARDMOUNT D-SUB STRAIGHT SOCKET CONNECTOR, 885 SERIES  
FEMALE, SOLDER TAIL

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Austin, TX 78753-5380  
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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	C	CASTIGLIONE	SEP 18,2023	MFG
		CHKD				DATE
DIVISION		DIVISION CODE		APPR	DATE	DATE
		EMSD		J. GOERTZ	SEP 18,2023	SEP 18,2023
DO NOT SCALE DRAWING	SCALE 4 1	TOLERANCES EXCEPT AS NOTED		3M 3M Center St. Paul, MN 55144		
THIRD ANGLE PROJECTION		INCHES		© 3M COPYRIGHT 2024		
		MILLIMETERS		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 - 2018		MILLIMETERS		T11TLE		
		0 ±.5		BOARDMOUNT D-SUB STRAIGHT SOCKET CONNECTOR		
MAX SURFACE ROUGHNESS		0 ±.38		CAGE NUMBER		
SURFACES		0 ±.25		D 78-5100-2792-9		
MARKED ONLY		0 ±.025		DRAWING NO.		
		ANGLES		REV.		
				A		
		MODEL		D-SUB		
				DET		
				L1sts		
				YES		
				NO		
				SHT 3 OF 3		