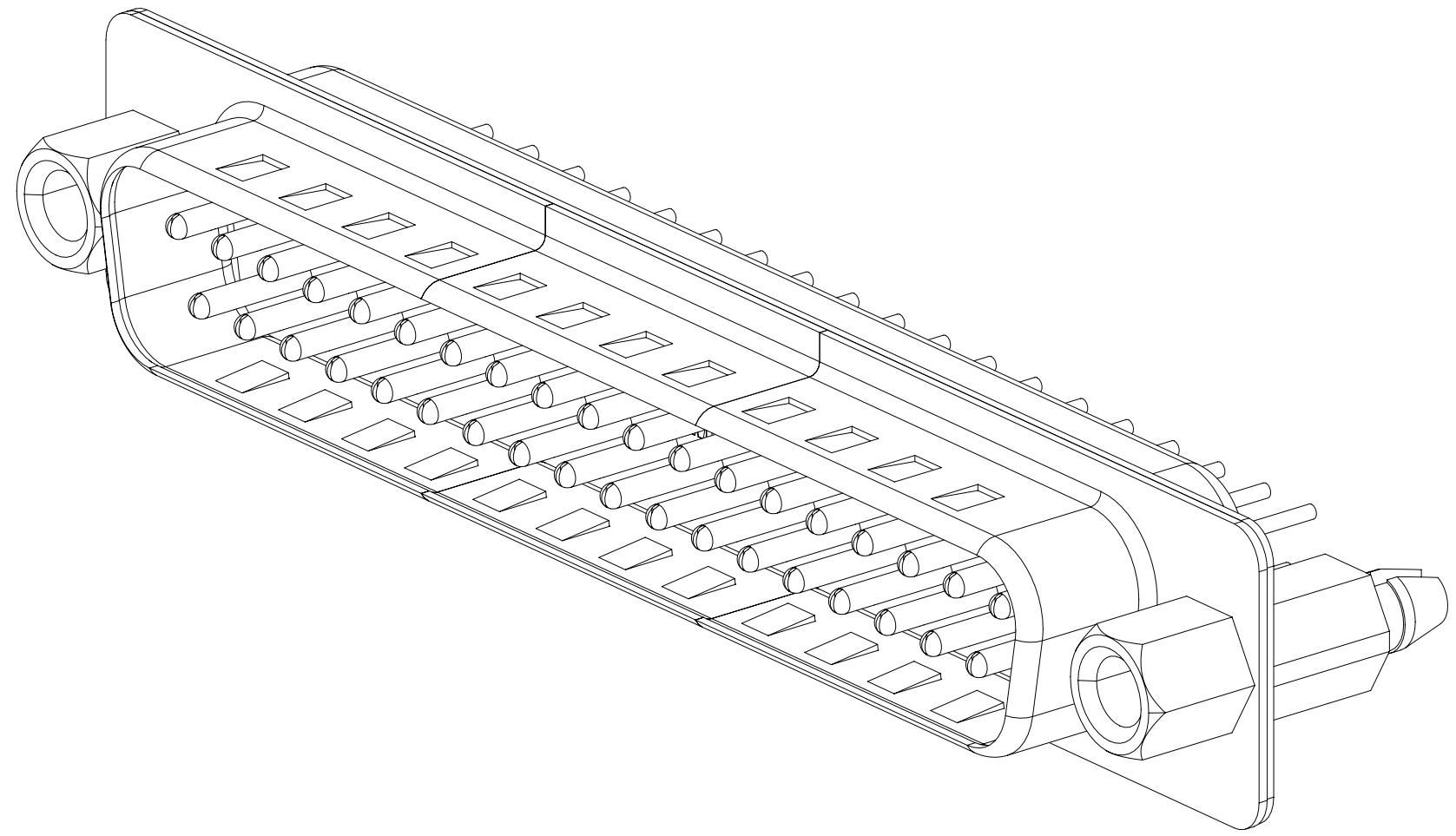


3M™ BOARDMOUNT D-SUB STRAIGHT PLUG CONNECTOR, 884 SERIES MALE, SOLDER TAIL

MALE, SOLDER TAIL

- REGULATORY INFORMATION:
VISIT 3M.com/regs
- ? IN THE EVENT OF CONFLICT
BETWEEN THIS DATA AND THAT
CONTAINED IN THE PRODUCT
SPECIFICATION, THE PRODUCT
SPECIFICATION TAKES PRECEDENT



2 PHYSICAL ::

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

2 ELECTRICAL :

CURRENT RATING: 1A
INSULATION RESISTANCE: $>1\times10^9\Omega$
WITHSTANDING VOLTAGE: 1,000V_{RMS}, 1mA, 60s
VOLTAGE RATING: 300V

2 ENVIRONMENTAL :

TEMPERATURE RATING: - 40° C TO + 100° C

ORDERING INFORMATION
884XX - 6000

NUMBER OF PINS -
(SEE TABLE 1)

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INTERCONNECT SOLUTIONS
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DIMENSIONS: MM [INCHES] INCHES] IS FOR REF. ONLY				A	111930	NOV 01, 2023	JNC	JG	
DESIGN REFERENCE				REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHK
<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex: 1;"> <div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex: 1;"> <div style="border: 1px solid black; padding: 2px;">ACCESS CODES</div> </div> <div style="flex: 1; text-align: right;"> <div style="border: 1px solid black; padding: 2px;">REVISION</div> </div> </div> <div style="flex: 1; text-align: right;"> <div style="border: 1px solid black; padding: 2px;">ISSUE DATE</div> </div> </div> </div>				DRFT CASTIGLIONE		DATE JUL 06, 2023	MFG	DATE	
<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex: 1;"> <div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex: 1;"> <div style="border: 1px solid black; padding: 2px;">DIVISION</div> </div> <div style="flex: 1; text-align: right;"> <div style="border: 1px solid black; padding: 2px;">DIVISION CODE</div> </div> </div> </div> <div style="flex: 1; text-align: right;"> <div style="border: 1px solid black; padding: 2px;">CHKD</div> </div> </div>				APVPL J. GOERTZ		DATE AUG 29, 2023			
<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex: 1;"> <div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex: 1;"> <div style="border: 1px solid black; padding: 2px;">DO NOT SCALE DRAWING</div> </div> <div style="flex: 1; text-align: right;"> <div style="border: 1px solid black; padding: 2px;">SCALE 4 1</div> </div> </div> </div> <div style="flex: 1; text-align: right;"> <div style="border: 1px solid black; padding: 2px;">TOLERANCES EXCEPT AS NOTED</div> </div> </div>				<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex: 1;"> <div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex: 1;"> <div style="border: 1px solid black; padding: 2px;">INCHES</div> </div> <div style="flex: 1; text-align: right;"> <div style="border: 1px solid black; padding: 2px;">.0 \pm .00 \pm .000 \pm .0000 \pm</div> </div> </div> </div> </div>		<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex: 1;"> <div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex: 1;"> <div style="border: 1px solid black; padding: 2px;">TITLE</div> </div> <div style="flex: 1; text-align: right;"> <div style="border: 1px solid black; padding: 2px;">3M 3M Center St. Paul, MN 55144</div> </div> </div> </div> </div>		<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex: 1;"> <div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex: 1;"> <div style="border: 1px solid black; padding: 2px;">INTERPRET PER ASME Y14.5 - 2018</div> </div> <div style="flex: 1; text-align: right;"> <div style="border: 1px solid black; padding: 2px;">MILLIMETERS</div> </div> </div> </div> </div>	
<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex: 1;"> <div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex: 1;"> <div style="border: 1px solid black; padding: 2px;">MAX SURFACE ROUGHNESS</div> </div> <div style="flex: 1; text-align: right;"> <div style="border: 1px solid black; padding: 2px;">.0 \pm .5 .0 \pm .38 .00 \pm .25 .000 \pm .025</div> </div> </div> </div> </div>				<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex: 1;"> <div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex: 1;"> <div style="border: 1px solid black; padding: 2px;">CAGE NUMBER</div> </div> <div style="flex: 1; text-align: right;"> <div style="border: 1px solid black; padding: 2px;">SIZE</div> </div> </div> </div> </div>		<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex: 1;"> <div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex: 1;"> <div style="border: 1px solid black; padding: 2px;">DRAWING NO.</div> </div> <div style="flex: 1; text-align: right;"> <div style="border: 1px solid black; padding: 2px;">D</div> </div> </div> </div> </div>		<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex: 1;"> <div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex: 1;"> <div style="border: 1px solid black; padding: 2px;">MODEL</div> </div> <div style="flex: 1; text-align: right;"> <div style="border: 1px solid black; padding: 2px;">D-SUB</div> </div> </div> </div> </div>	
<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex: 1;"> <div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex: 1;"> <div style="border: 1px solid black; padding: 2px;">DET. LISTS</div> </div> <div style="flex: 1; text-align: right;"> <div style="border: 1px solid black; padding: 2px;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</div> </div> </div> </div> </div>				<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex: 1;"> <div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex: 1;"> <div style="border: 1px solid black; padding: 2px;">SHT</div> </div> <div style="flex: 1; text-align: right;"> <div style="border: 1px solid black; padding: 2px;">1 OF</div> </div> </div> </div> </div>					

3M™ BOARDMOUNT D-SUB STRAIGHT PLUG CONNECTOR, 884 SERIES MALE, SOLDER TAIL

MALE, SOLDER TAIL

NOTES

- N = TOTAL NUMBER OF TERMINALS.

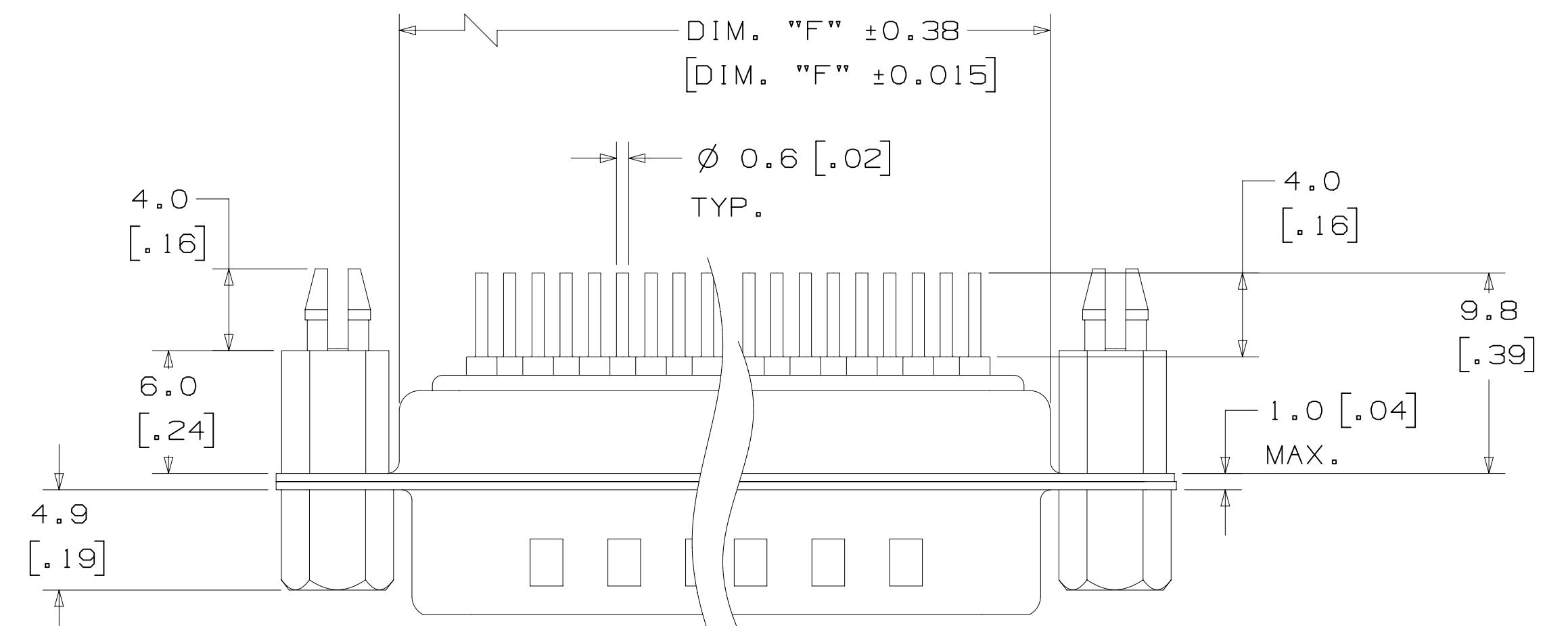
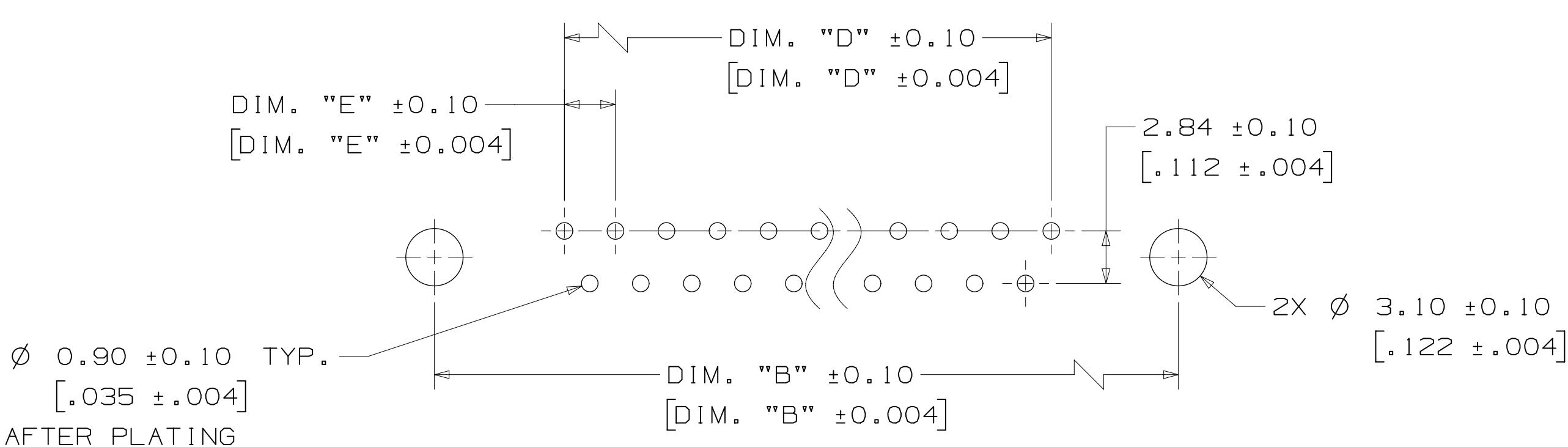
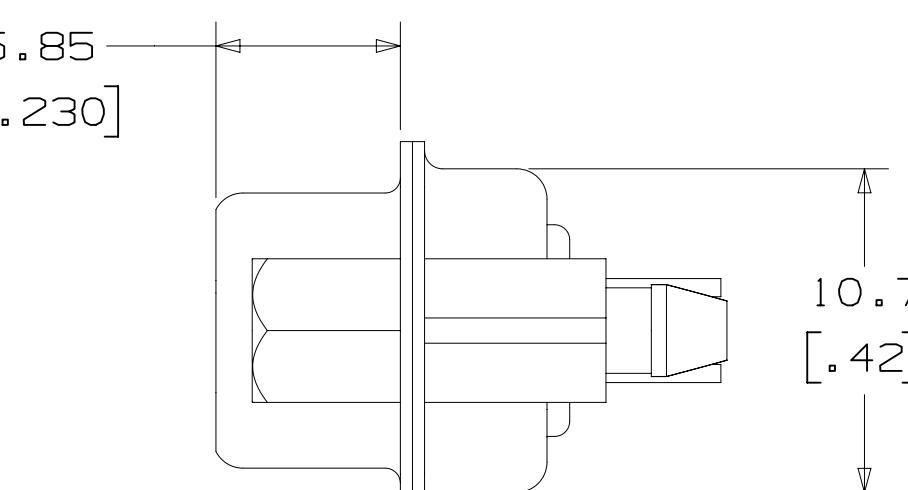
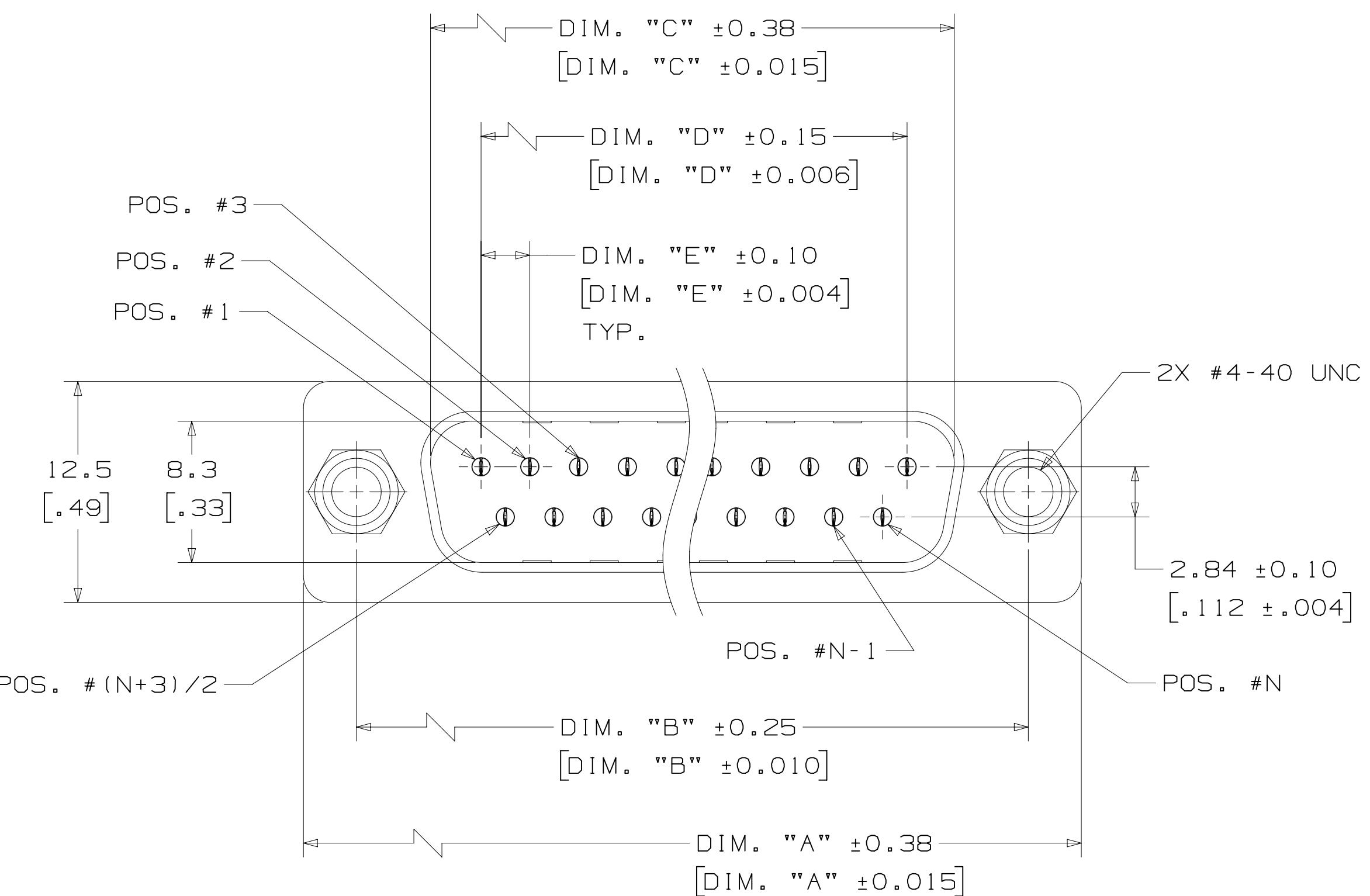


TABLE 1

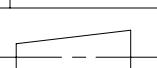
TABLE 1						
PIN QTY.	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"	DIM. "F"
09	30.80 [1.213]	25.00 [0.984]	16.92 [0.666]	10.96 [0.431]	2.74 [0.108]	19.20 [0.756]
15	39.20 [1.543]	33.30 [1.311]	25.25 [0.994]	19.18 [0.755]	2.74 [0.108]	27.70 [1.091]
25	53.04 [2.088]	47.04 [1.852]	38.96 [1.534]	33.12 [1.304]	2.76 [0.109]	41.10 [1.618]
37	69.40 [2.732]	63.50 [2.500]	55.42 [2.182]	49.68 [1.956]	2.76 [0.109]	57.30 [2.256]



RECOMMENDED HOLE PATTERN
(AS VIEWED FROM CONNECTOR SIDE)

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ACCESS CODES				REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
				DRFT CASTIGLIONE		DATE JUL 06, 2023	MFG	DATE
				CHKD		DATE	APPVL J. GOERTZ	DATE AUG 29, 2023
DIVISION		DIVISION CODE EMSD		3M		© 3M COPYRIGHT 2023 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.		
DO NOT SCALE DRAWING	SCALE 4 1	TOLERANCES EXCEPT AS NOTED		3M Center St. Paul, MN 55144				
  THIRD ANGLE PROJECTION		INCHES		TITLE		BOARDMOUNT D-SUB STRAIGHT MALE PLUG CONNECTOR		
INTERPRET PER ASME Y14.5 - 2018		MILLIMETERS						
MAX SURFACE ROUGHNESS		0 $\pm .5$ 0 $\pm .38$ 0.00 $\pm .25$ 0.000 $\pm .025$		CAGE NUMBER	SIZE	DRAWING NO.		REV.
<input type="checkbox"/> ALL SURFACES <input checked="" type="checkbox"/> MARKED ONLY		ANGLES		D	78-5100-2790-3			A
		MODEL		DET. LISTS		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		SHT 2 OF 3

3M™ BOARDMOUNT D-SUB STRAIGHT PLUG CONNECTOR, 884 SERIES
MALE, SOLDER TAIL

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REV	ECO	DATE	REV	DATE	DRFT
A 111930		NOV 01,2023		JNC JG	
REMOVED CONTACT RESISTANCE		REMOVE CONTACT RESISTANCE		JNC JG	
ACCES CODES		CASTIGLIONE		MFG DATE	
DIVISION		DIVISION CODE EMSD		DATE	
DO NOT SCALE DRAWING		SCALE	4	APPROV	
DRAWING		1	TOLERANCES EXCEPT AS NOTED	DATE	
THIRD ANGLE PROJECTION		INCHES		AUG 29,2023	
INTERPRET PER ASME Y14.5 - 2018		.0000 ±		J. GOERTZ	
MAX SURFACE ROUGHNESS		.000 ± .5		APPROV	
LTD SURFACES		.000 ± .25		DATE	
MARKED ONLY		.000 ± .025		AUG 29,2023	
CAGE NUMBER		MILLIMETERS		REV	
D 78-5100-2790-3		0 ± .38		A	
SIZE		DRAWING NO.		DET. LISTS	
REV		78-5100-2790-3		YES	
A		SHT 3 OF 3		NO	

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St. Paul, MN 55144

**BOARDMOUNT D-SUB
STRAIGHT MALE PLUG
CONNECTOR**