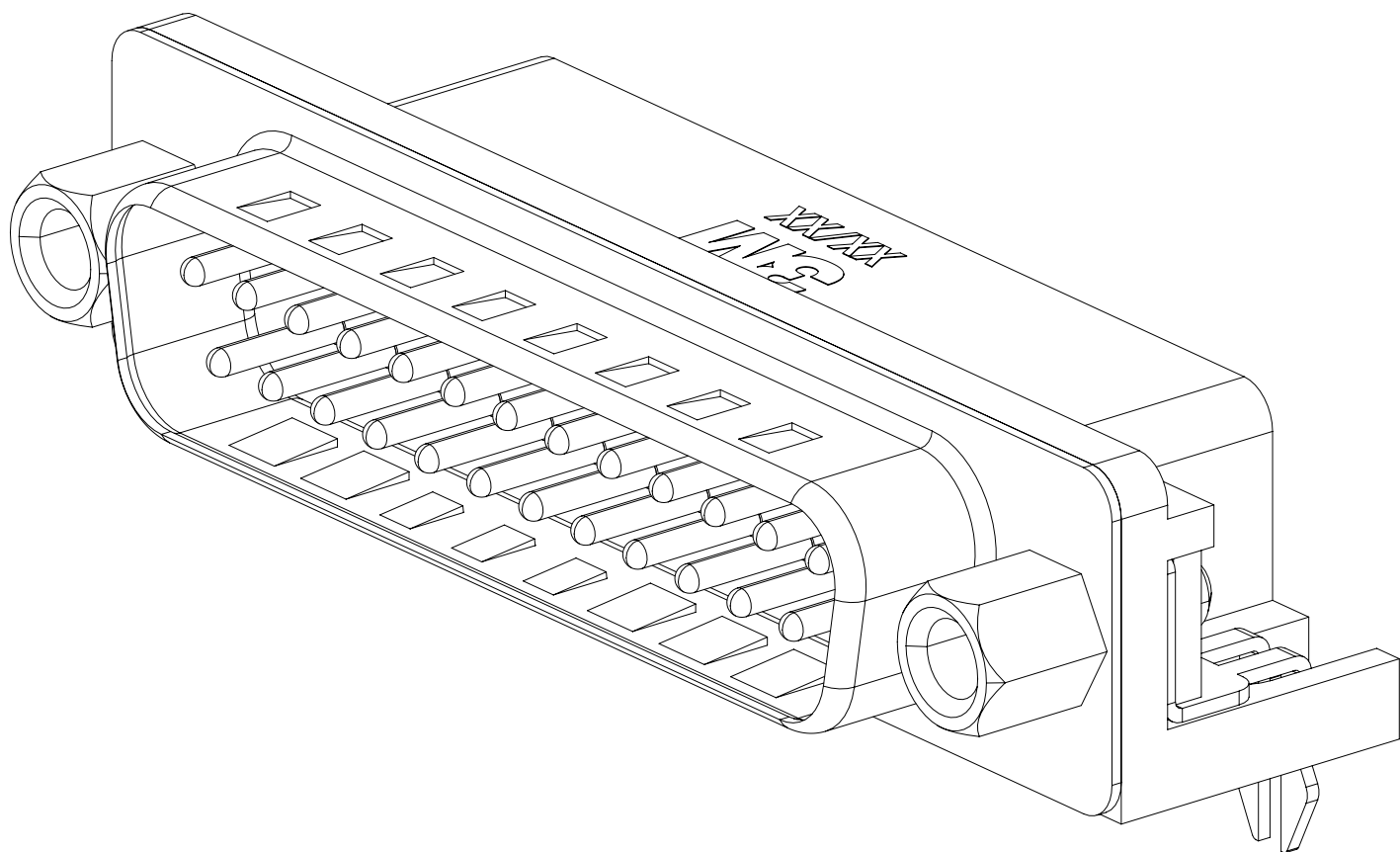


3M™ BOARDMOUNT D-SUB RIGHT ANGLE PLUG CONNECTOR, 886 SERIES
MALE, SOLDER TAIL



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
886XX-5005

NUMBER OF PINS
(SEE TABLE 1)

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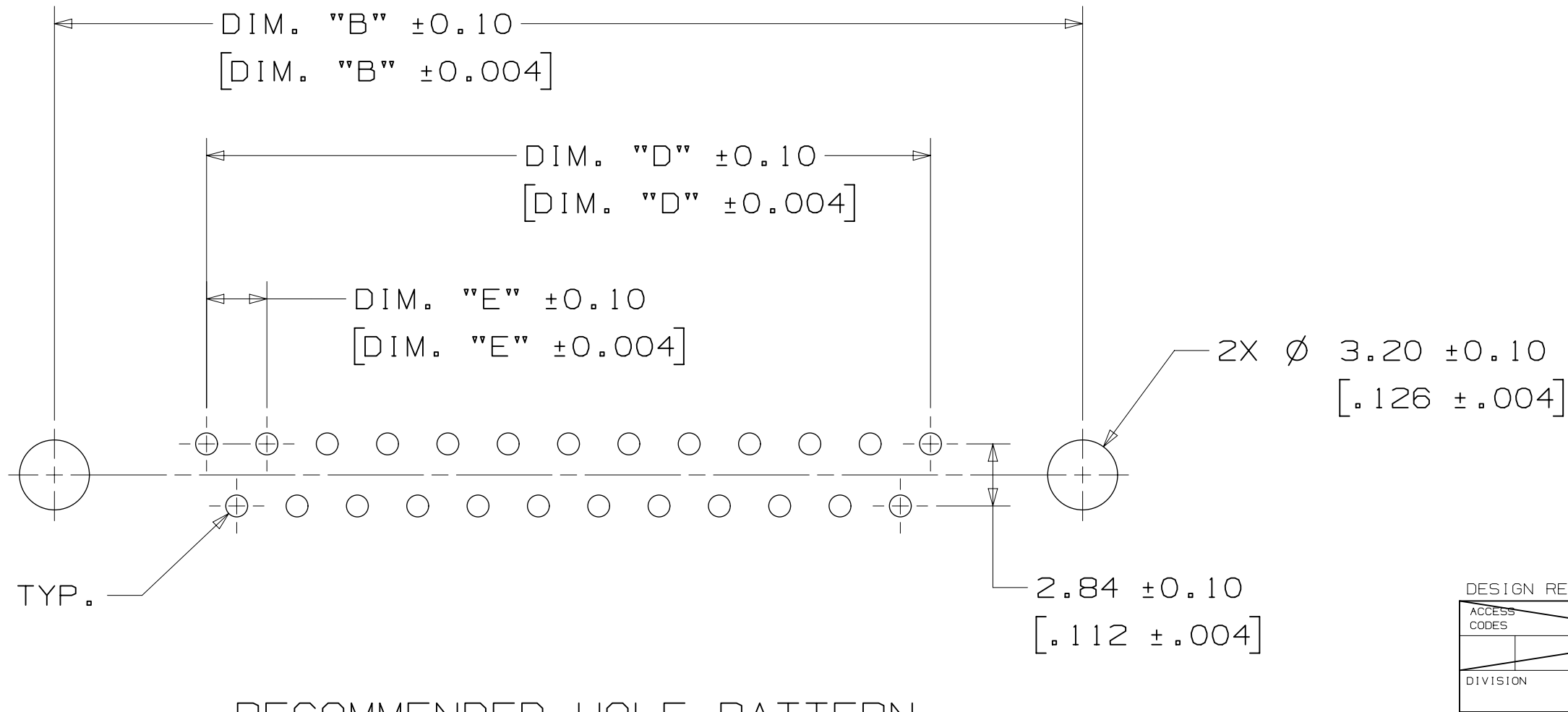
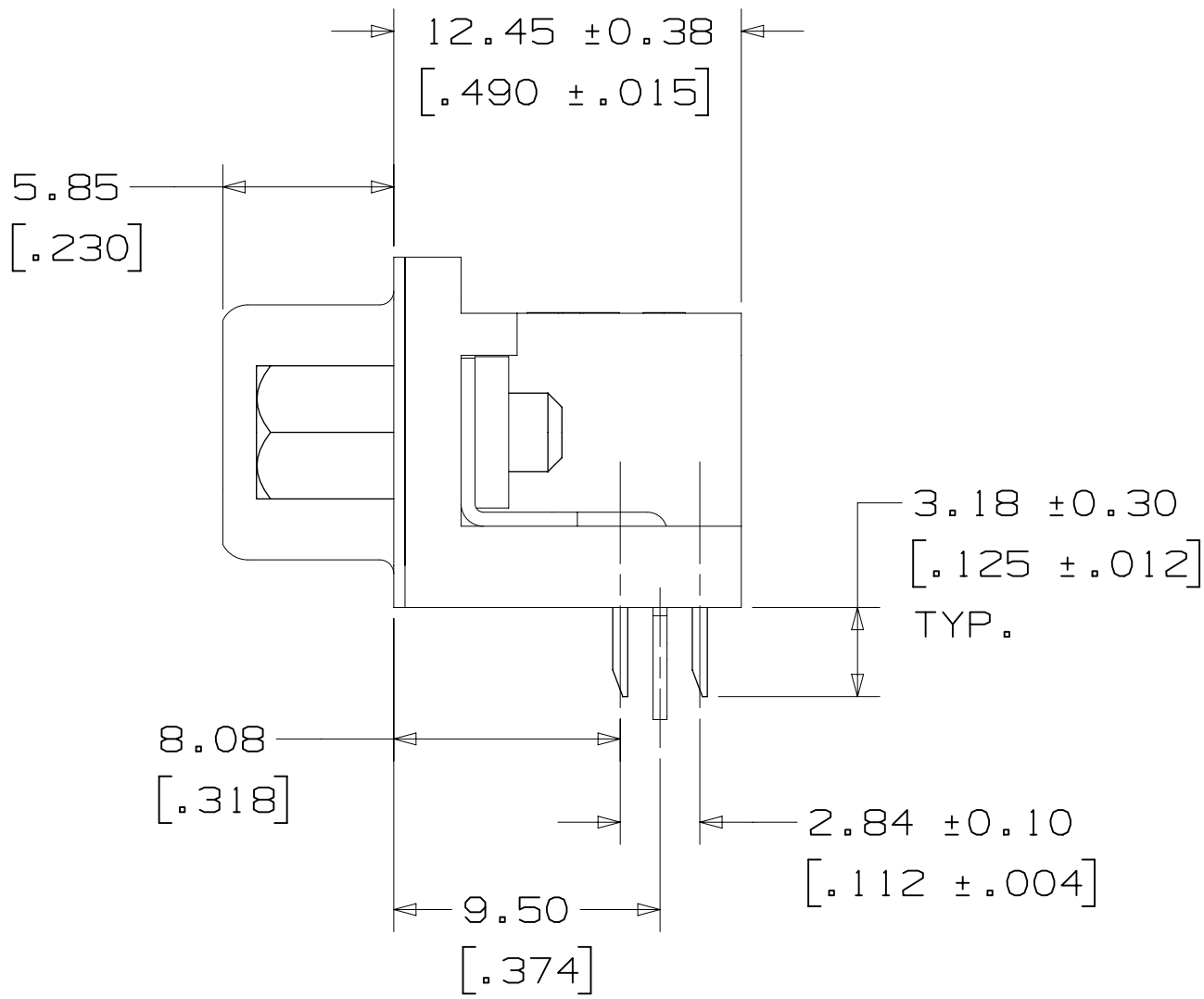
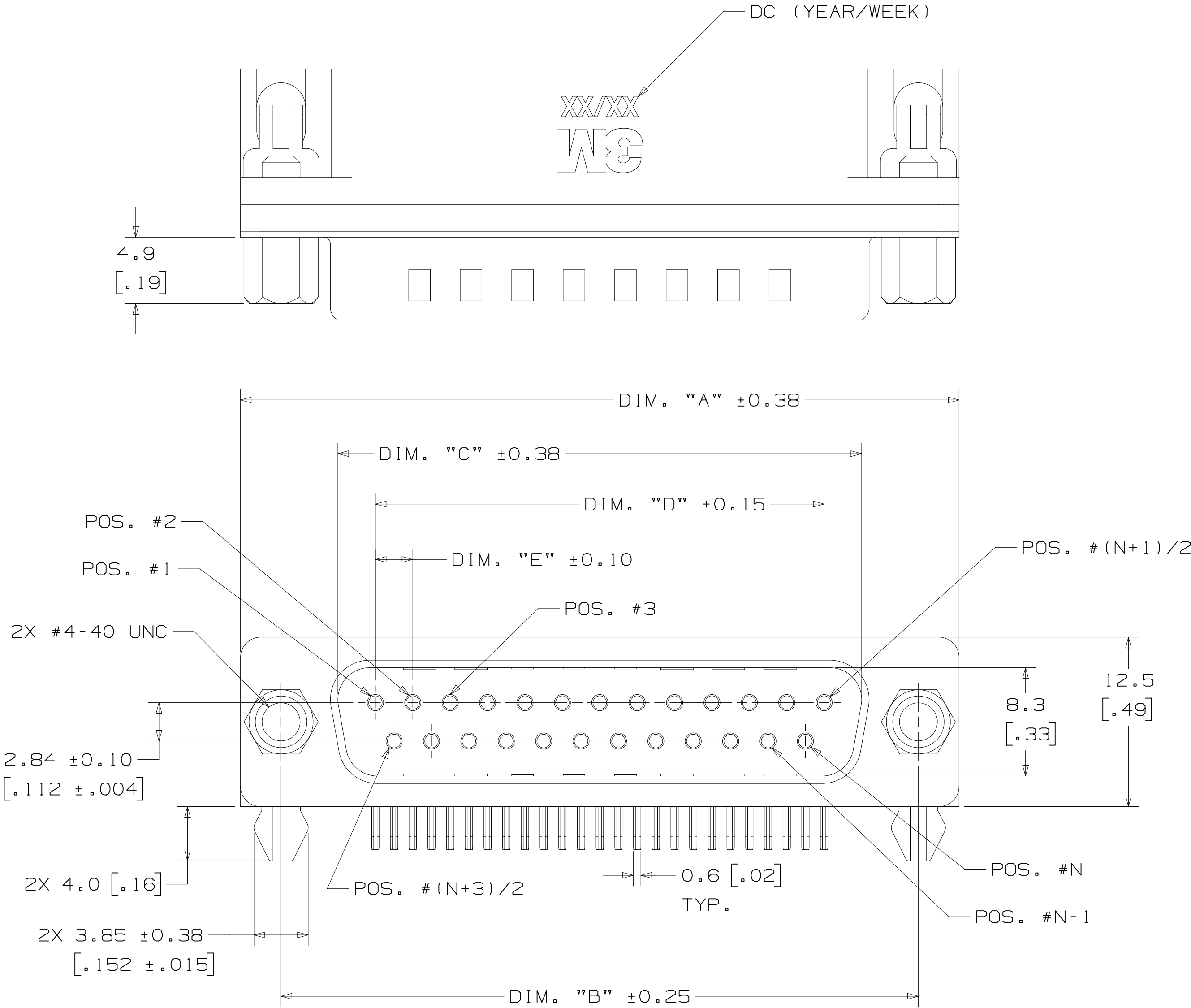
DIMENSIONS: MM [INCHES]
[INCHES] IS FOR REF. ONLY

DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
XREF CODES				DRP	CASTIGLIONE		SEP 27, 2023	MFG	DATE
				CHKD			DATE	APPV	DATE
						J. GOERTZ		SEP 27, 2023	
DIVISION		DIVISION CODE		© 3M COPYRIGHT 2023					
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DO NOT SCALE DRAWING		SCALE 4 1		TOLERANCES EXCEPT AS NOTED		TITLE			
				INCHES		BOARDMOUNT D-SUB RIGHT ANGLE MALE PLUG CONNECTOR			
THIRD ANGLE PROJECTION				MILLIMETERS		CAGE NUMBER			
				0 ± .5		D 78-5100-2793-7			
INTERPRET PER ASME Y14.5 - 2018				.0 ± .38		DRAWING NO.			
				.00 ± .25		REV.			
MAX SURFACE ROUGHNESS				.000 ± .025		DET			
SURFACES				ANGLES		YES NO SHT 1 OF 3			
MARKED ONLY						MODEL D-SUB			

3M™ BOARDMOUNT D-SUB RIGHT ANGLE PLUG CONNECTOR, 886 SERIES
MALE, SOLDER TAIL

NOTES
1. N = TOTAL NUMBER OF TERMINALS.

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



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XREF CODES		ISSUE DATE AND DESCRIPTION		REMOVE CONTACT RESISTANCE		DRFT	
DIVISION		DRP	CASTIGLIONE	DATE	SEP 27, 2023	MFG	DATE
DO NOT SCALE DRAWING		SCALE	4/1	TOLERANCES EXCEPT AS NOTED	INCHES		
THIRD ANGLE PROJECTION		INTERPRET PER ASME Y14.5 - 2018	MILLIMETERS		0 ±.5		
MAX SURFACE ROUGHNESS		SURFACES		0.00 ±.25		0.00 ±.025	
MARKED ONLY		ANGLES		0 ±.38		0 ±.25	
CAGE NUMBER		SIZE	DRAWING NO.	REV.		A	
D		78-5100-2793-7	REV.		A		
MODEL		D-SUB	DET		LISTS		
YES		NO		SHT		2 OF 3	

3M™ BOARDMOUNT D-SUB RIGHT ANGLE PLUG CONNECTOR, 886 SERIES
MALE, SOLDER TAIL

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XREF CODES				DRP	CASTIGLIONE		DATE	MFG	DATE
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THIRD ANGLE PROJECTION				MILLIMETERS		CAGE NUMBER			
				INTERPRET PER ASME Y14.5 - 2018		SIZE		DRAWING NO.	
				MAX SURFACE ROUGHNESS		D		78-5100-2793-7	
				SURFACES		REV.		A	
				MARKED ONLY		MODEL		D-SUB	
						DET		LISTS	
						YES		NO	
						SHT		3 OF 3	