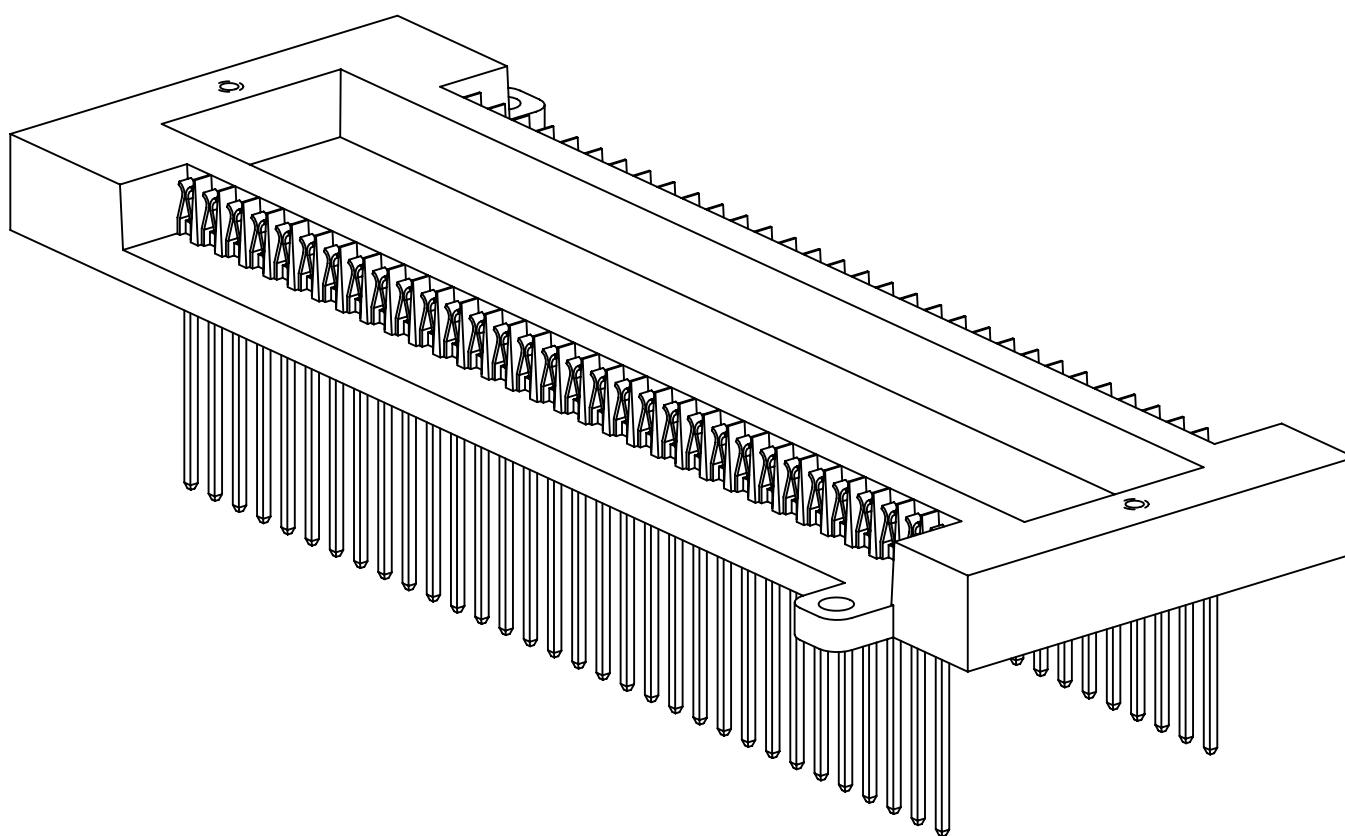


## 3M™ TEXTOOL™ RECEPTACLES FOR DIP SOCKETS

- \* MATCHING RECEPTACLE FOR EVERY ZIP DIP SOCKET, INCLUDING "UNIVERSAL DIP" AND "SHRINK DIP".
- \* MOUNTING FLANGES HOLD RECEPTACLE TO BOARD.
- \* PRE-TAPPED HOLES IN RECEPTACLE BODY MATE WITH SCREW-HOLES IN SOCKET TO HOLD SOCKET FIRMLY TO RECEPTACLE (2 SCREWS PROVIDED WITH EACH RECEPTACLE).
- \* AVAILABLE IN WIRE-WRAP AND SOLDER-TAIL OPTIONS, WITH AND WITHOUT MOUNTING FLANGES.

NOTES

- 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: GLASS FILLED POLYSULFONE  
 FLAMMABILITY: UL94V-0  
 COLOR: GREEN  
 MARKINGS: 3M LOGO AND PART IDENTIFIER  
 CONTACT: COPPER ALLOY  
 PLATING: NICKEL-OVERALL  
 UNDER PLATING: 50 $\mu$ " [1.3 $\mu$ m] GOLD  
 GOLD: 30 $\mu$ " [0.76 $\mu$ m] GOLD

## [2] ELECTRICAL:

CURRENT RATING: 1 AMP  
 INSULATION RESISTANCE:  $>1 \times 10^9$  W AT 500 V<sub>dc</sub>  
 WITHSTANDING VOLTAGE: 1,000V<sub>RMS</sub> AT SEA LEVEL

## [2] ENVIRONMENTAL:

OPERATING TEMPERATURE RATING: -55° C TO +125° C

## ORDERING INFORMATION

NOTES	RECEPTACLE PART NUMBER	CONTACT QUANTITY	CONTACT SPACING	DISTANCE BETWEEN ROWS
3	214-3339-XX-0602J	14		.300 [ 7.62 ]
3	216-3340-XX-0602J	16		
3	218-3341-XX-0602J	18		
3	220-3342-XX-0602J	20		
3	222-3343-XX-0602J	22	.100 [ 2.54 ]	.400 [ 10.16 ]
1	224-1275-XX-0602J	24		.600 [ 15.24 ]
3	224-5248-XX-0602J			.300 [ 7.62 ]
1	228-1277-XX-0602J			.600 [ 15.24 ]
3	228-4817-XX-0602J	28		.400 [ 10.16 ]
2	228-1290-XX-0602J		.070 [ 1.78 ]	.600 [ 15.24 ]
1	232-1285-XX-0602J	32		.600 [ 15.24 ]
3	240-3639-XX-0602J	40	.100 [ 2.54 ]	1.000 [ 25.40 ]
1	240-1280-XX-0602J			
2	242-1293-XX-0602J	42	.070 [ 1.78 ]	.600 [ 15.24 ]
1	242-1281-XX-0602J			.100 [ 2.54 ]
1	248-1282-XX-0602J	48		
2	264-1300-XX-0602J		.070 [ 1.78 ]	.815 [ 20.70 ]
3	264-4493-XX-0602J	64		.100 [ 2.54 ]
2	290-1294-XX-0602J	90	.070 [ 1.78 ]	.900 [ 22.86 ]

## CONTACT TAIL LENGTH:

XX = 09: .13 [ 3.3 ] SOLDER TAIL WITH FLANGE  
 = 19: .62 [ 15.8 ] WIRE WRAP WITH FLANGES  
 = 29: .13 [ 3.3 ] SOLDER TAIL WITHOUT FLANGES  
 = 39: .62 [ 15.8 ] WIRE WRAP WITHOUT FLANGES

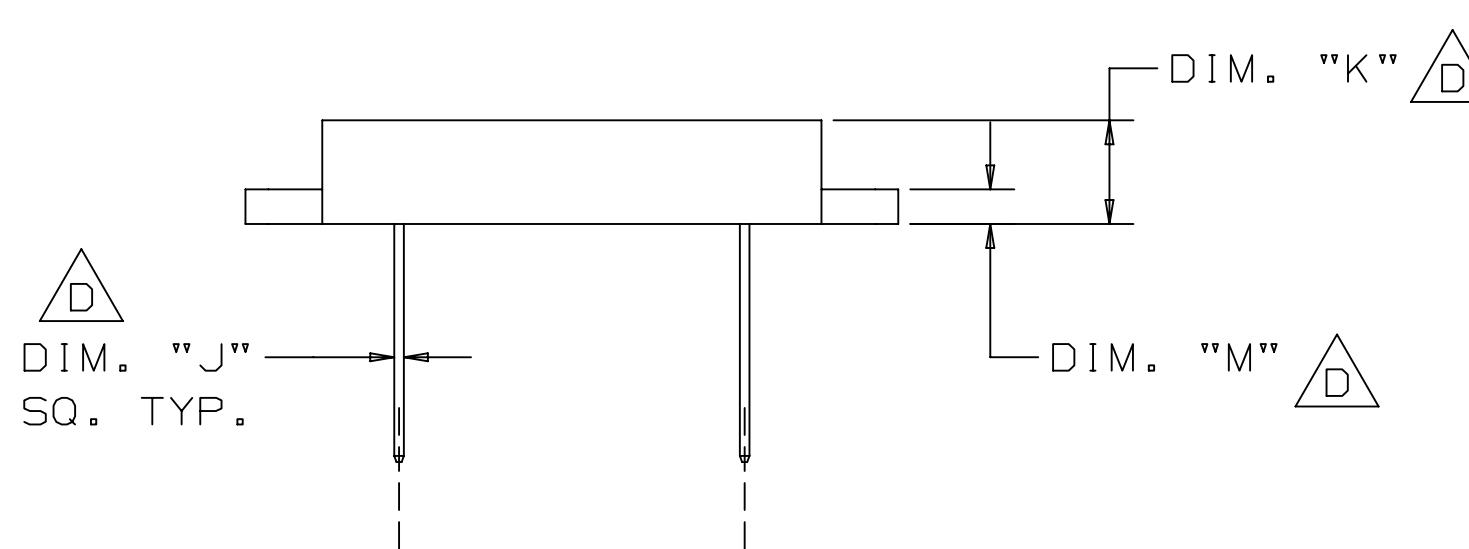
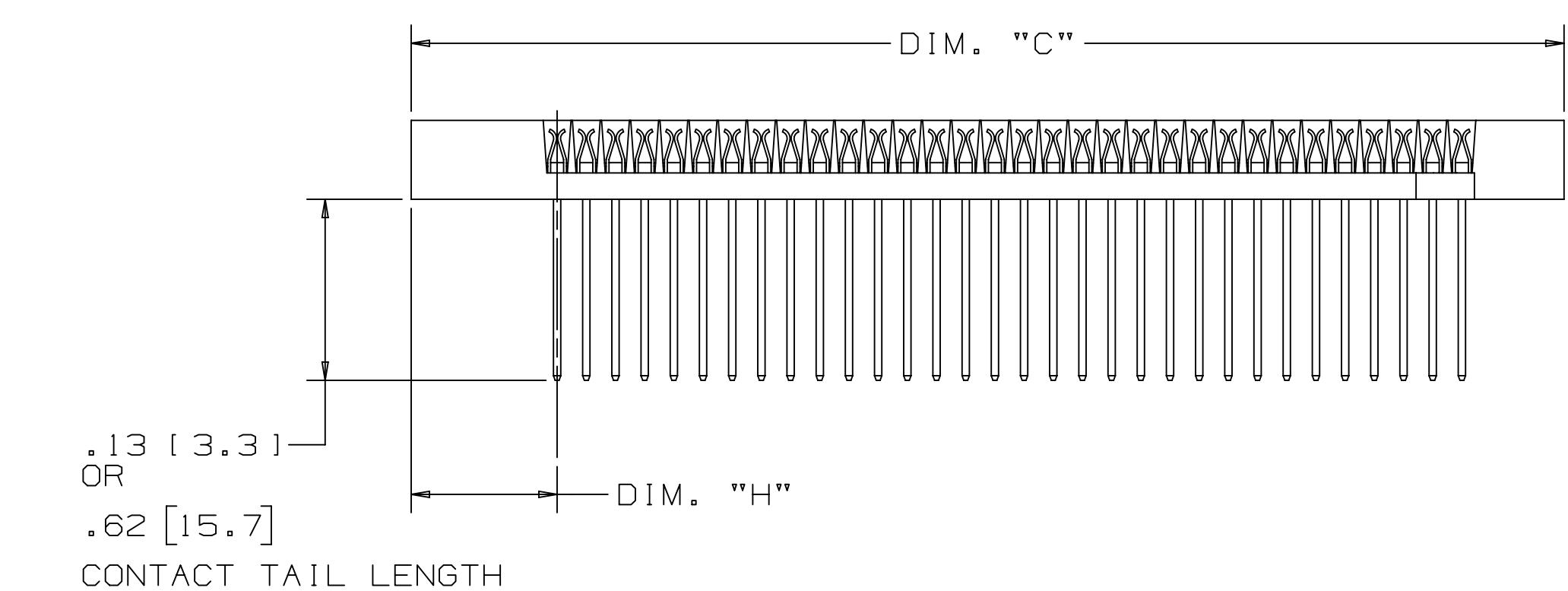
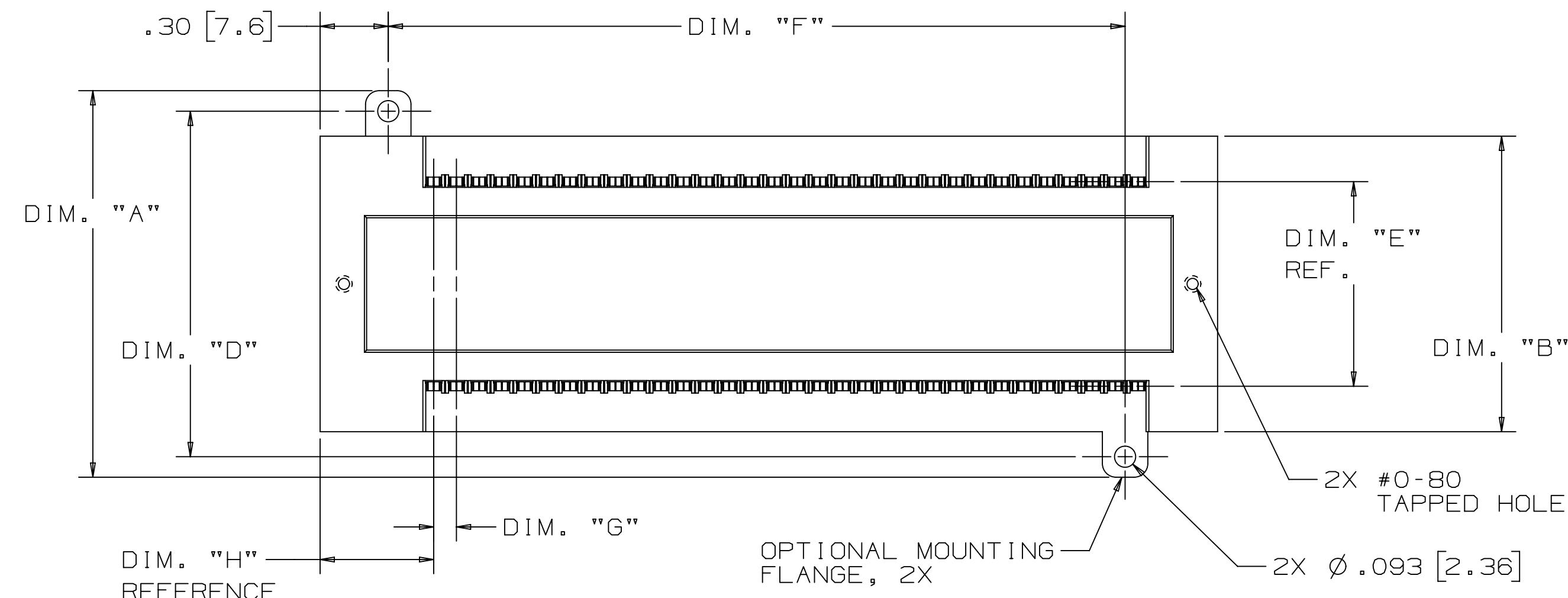
## NOTES:

- AVAILABLE WITH -09, -19, -29 AND -39 OPTIONS.
- ONLY AVAILABLE WITH -09 AND -29 OPTION FOR THE .070 [ 1.78 ] SPACING
- ONLY AVAILABLE WITH -09 AND -19 OPTIONS

REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
DRAFT		02/12/2024	MFG	DATE
REV		02/12/2024	APPROV	DATE
CASTIGLIONE		FEB 12, 2024	F. RODRIGUEZ	FEB 12, 2024
D 125779		OCT 06, 2025	JNC	FJR
C 111457		FEB 12, 2024	JNC	FJR
B 42662		OCT 08, 2012	LDS	ARM
A ----		JUL 31, 2012	LDS	LDS
RELEASED TO REV A REVISED				
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TEXT TOOL RECEPTACLES FOR DIP SOCKETS				
DRAWING NO. D 78-5100-0454-8				
REV. D				
CAGE NUMBER				
MODEL				
DET. LISTS				
SHT 1 OF 3				

## 3M™ TEXTOOL™ RECEPTACLES FOR DIP SOCKETS

RECEPTACLE PART NUMBER	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"	DIM. "F"	DIM. "G"	DIM. "H"	DIM. "J"	DIM. "K"	DIM. "M"	RECEPTACLE PART NUMBER
214-3339-XX	1.00 [ 25.4 ]	.60 [ 15.2 ]	1.28 [ 32.6 ]	.82 [ 20.8 ]		.60 [ 15.2 ]						214-3339-XX
216-3340-XX	.95 [ 24.1 ]	.55 [ 14.0 ]	1.37 [ 34.9 ]	.77 [ 19.7 ]		.70 [ 17.8 ]						216-3340-XX
218-3341-XX	.95 [ 24.1 ]	.55 [ 14.0 ]	1.48 [ 37.5 ]	.77 [ 19.6 ]		.80 [ 20.3 ]						218-3341-XX
220-3342-XX	.100 [ 25.4 ]	.60 [ 15.2 ]	1.58 [ 40.2 ]	.82 [ 20.8 ]		.90 [ 22.8 ]						220-3342-XX
222-3343-XX	1.06 [ 26.9 ]	.65 [ 16.5 ]	1.69 [ 42.9 ]	.87 [ 22.1 ]	.400 [ 10.16 ]	1.00 [ 25.5 ]						222-3343-XX
224-1275-XX	1.26 [ 32.0 ]	.86 [ 21.9 ]		1.08 [ 27.5 ]	.600 [ 15.24 ]							224-1275-XX
224-5248-XX	.96 [ 24.4 ]	.56 [ 14.2 ]		.77 [ 19.6 ]	.300 [ 7.62 ]							224-5248-XX
228-1277-XX	1.26 [ 32.0 ]	.86 [ 21.9 ]		1.08 [ 27.5 ]	.600 [ 15.24 ]							228-1277-XX
228-4817-XX	1.06 [ 26.9 ]	.66 [ 16.8 ]		.88 [ 22.5 ]								228-4817-XX
228-1290-XX	1.09 [ 27.9 ]	.70 [ 17.8 ]		1.59 [ 40.5 ]	.92 [ 23.4 ]							228-1290-XX
232-1285-XX	1.25 [ 32.0 ]	.86 [ 21.9 ]	2.17 [ 55.2 ]	1.08 [ 27.5 ]	.600 [ 15.24 ]	1.50 [ 38.2 ]						232-1285-XX
240-3639-XX	1.66 [ 42.2 ]	1.26 [ 32.0 ]		2.58 [ 65.6 ]	1.48 [ 37.6 ]	1.000 [ 25.40 ]	1.90 [ 48.3 ]					240-3639-XX
240-1280-XX	1.26 [ 32.0 ]	.86 [ 21.9 ]			1.08 [ 27.5 ]	.600 [ 15.24 ]	1.90 [ 48.3 ]					240-1280-XX
242-1293-XX	1.30 [ 33.0 ]	.89 [ 22.5 ]	2.06 [ 52.3 ]	1.12 [ 28.5 ]	.600 [ 15.24 ]	1.46 [ 37.1 ]						242-1293-XX
242-1281-XX	1.26 [ 32.0 ]	.86 [ 21.9 ]	2.68 [ 68.1 ]	1.08 [ 27.5 ]	.600 [ 15.24 ]	2.0 [ 50.8 ]						242-1281-XX
248-1282-XX	1.26 [ 32.0 ]		2.98 [ 75.8 ]	1.08 [ 27.5 ]	.600 [ 15.24 ]	2.50 [ 63.5 ]						248-1282-XX
264-1300-XX	1.52 [ 38.5 ]	1.11 [ 28.3 ]	2.85 [ 72.5 ]	1.34 [ 34.0 ]	.815 [ 20.70 ]	2.23 [ 56.7 ]						264-1300-XX
264-4493-XX	1.70 [ 43.2 ]	1.30 [ 33.0 ]	3.95 [ 100.3 ]	1.52 [ 38.6 ]		3.24 [ 82.4 ]	.100 [ 2.54 ]	.40 [ 10.2 ]	.025 [ 0.64 ]	.25 [ 6.4 ]	.09 [ 2.3 ]	264-4493-XX
290-1294-XX	1.61 [ 40.8 ]	1.19 [ 30.2 ]	3.77 [ 95.7 ]	1.42 [ 36.0 ]		3.15 [ 79.9 ]	.070 [ 1.78 ]	.41 [ 10.4 ]	.024 x .010 [ 0.60 x 0.25 ]	.29 [ 7.3 ]	.11 [ 2.9 ]	290-1294-XX



REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
D	125779	OCT 06,2025 REVISED TAB CHART	JNC	FJR
C	111457	FEB 12,2024 REVISED AND REDRAWN	JNC	FJR
B	42662	OCT 08,2012 REVISE OPERATING TEMP.	LDS	ARM
A	----	JUL 31,2012 RELEASED TO REV A REVISED	LDS	LDS
REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
PROJ	CASTIGLIONE	DATE FEB 12,2024	MFG APPV	DATE FEB 12,2024
CHKD		DATE		
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TITLE: TEXTOOL RECEPTACLES FOR DIP SOCKETS				
DESIGN REFERENCE: 78-5100-0454-8				
NEXT ASSEMBLY: D				
ACCESS CODES: 3M				
DIVISION: EMD				
DO NOT SCALE DRAWING: 1				
SCALE: 1				
TOLERANCES EXCEPT AS NOTED: .000 ± .005				
INCHES: .000 ± .000				
THIRD ANGLE PROJECTION: ASME Y14.5 - 2018				
INTERPRET PER: MILLIMETERS: .000 ± .000				
MAX SURFACE ROUGHNESS: .000 ± .013				
DRAWING NO.: 78-5100-0454-8				
CAGE NUMBER: D				
SIZE: REV. D				
MODEL: SHT 2 OF 3				

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# 3M™ TEXTOOL™ RECEPTACLES FOR DIP SOCKETS

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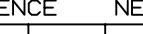
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DESIGN REFERENCE		NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
ACCESS CODES			DRFT	CASTIGLIONE	DATE	FEB 12, 2024	MFG	DATE
VISION			CHKD		DATE		APPVL	
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 		TOLERANCES EXCEPT AS NOTED	INCHES	TITLE				
		.0 $\pm$ .00 $\pm$ .01 .000 $\pm$ .005 .0000 $\pm$	MILLIMETERS	TEXT TOOL RECEPTACLES FOR DIP SOCKETS				
INTERPRET PER ASME Y14.5 - 2018		0 $\pm$ .0 $\pm$ .3 .00 $\pm$ 0.13 .000 $\pm$	CAGE NUMBER	SIZE	DRAWING NO.			REV.
MAX SURFACE ROUGHNESS				D	78-5100-0454-8			D
<input type="checkbox"/> ALL SURFACES <input checked="" type="checkbox"/> MARKED ONLY		ANGLES	MODEL	DET.		LISTS	YES <input checked="" type="checkbox"/> NO	SHT 3 OF 3