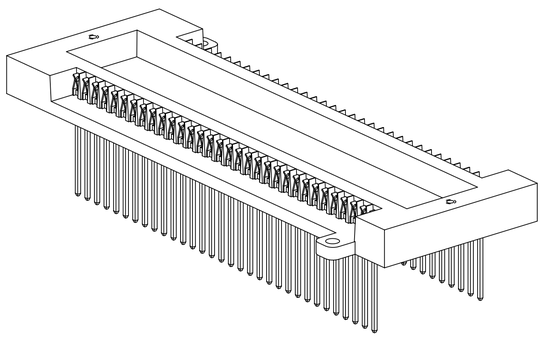
3M™ TEXTOOL™ RECEPTACLES FOR DIP SOCKETS

* 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

1. REGULATORY INFORMATION: VISIT 3M.com/regs

[2] 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 POLYSULFONE
FLAMMABILITY: UL94V-0
COLOR: GREEN
MARKINGS: 3M LOGO AND PART IDENTIFIER
CONTACT:
MATERIAL: COPPER ALLOY
PLATING:
UNDER PLATING: 50μ" [1.3μm] NICKEL-OVERALL
GOLD: 30μ" [0.76μm] GOLD

[2] ELECTRICAL:

CURRENT RATING: 1 AMP
INSULATION RESISTANCE: >1 X 10^9 W AT 500 V_{DC}
WITHSTANDING VOLTAGE: 1,000V_{RMS} 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	.100 [2.54]	.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		.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	28		.600 [15.24]
3	228-4817-XX-0602J			.400 [10.16]
2	228-1290-XX-0602J		.070 [1.78]	
1	232-1285-XX-0602J	32	.100 [2.54]	.600 [15.24]
3	240-3639-XX-0602J	40		1.000 [25.40]
1	240-1280-XX-0602J			.600 [15.24]
2	242-1293-XX-0602J	42	.070 [1.78]	
1	242-1281-XX-0602J		.100 [2.54]	
1	248-1282-XX-0602J	48		
2	264-1300-XX-0602J	64	.070 [1.78]	.815 [20.70] △D
3	264-4493-XX-0602J		.100 [2.54]	.900 [22.86]
2	290-1294-XX-0602J	90	.070 [1.78]	

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:

[1] AVAILABLE WITH -09, -19, -29 AND -39 OPTIONS.

[2] ONLY AVAILABLE WITH -09 AND -29 OPTION FOR THE .070 [1.78] SPACING

[3] ONLY AVAILABLE WITH -09 AND -19 OPTIONS

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INTERCONNECT SOLUTIONS
http://www.3M.com/interconnect

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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

DESIGN REFERENCE | NEXT ASSEMBLY
ACCESS CODES
DRFT: CASTIGLIONE — DATE: FEB 12,2024 — MFG — DATE
CHKD — DATE — APPVL: F. RODRIGUEZ — DATE: FEB 12,2024
DIVISION
DIVISION CODE: EMSD
DO NOT SCALE DRAWING | SCALE 2/1
TOLERANCES EXCEPT AS NOTED
INCHES: .0 ± / .00 ± .01 / .000 ± .005 / .0000 ±
THIRD ANGLE PROJECTION
INTERPRET PER ASME Y14.5 - 2018
MILLIMETERS: 0 ± / .0 ± .3 / .00 ± 0.13 / .000 ±
MAX SURFACE ROUGHNESS: ☐ ALL SURFACES ☐ MARKED ONLY
ANGLES ±

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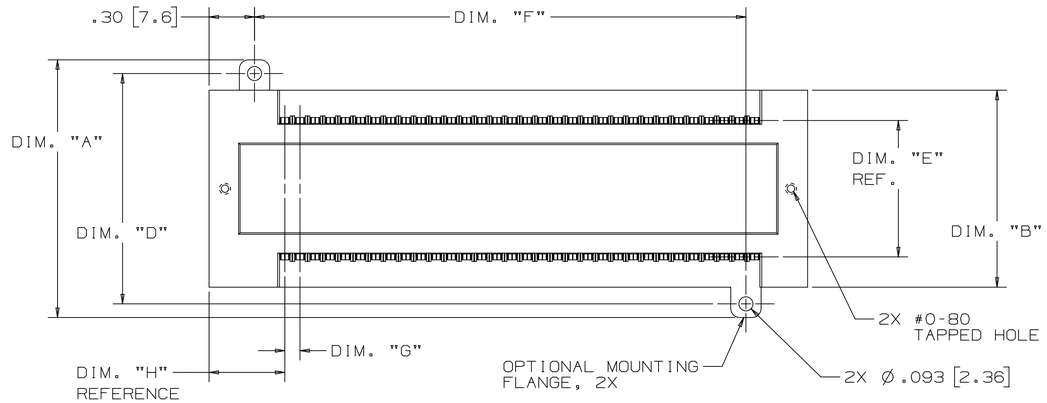
TITLE: TEXTOOL RECEPTACLES FOR DIP SOCKETS

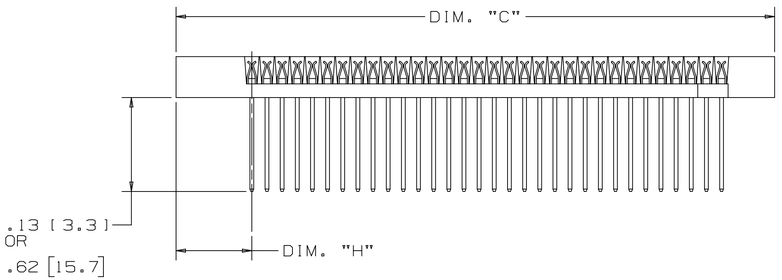
CAGE NUMBER | SIZE: D | DRAWING NO.: 78-5100-0454-8 | REV.: D
MODEL
DET LIS: ☐ YES ☒ NO | SHT 1 OF 3

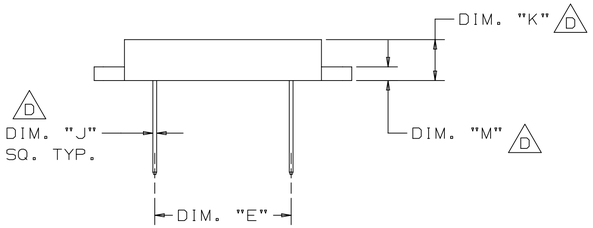
78-5100-0454-8 DRAWING NUMBER
D REVISION

3M™ TEXTOOL™ RECEPTACLES FOR DIP SOCKETS

RECEPTACLE PART NUMBER	DIM. "A" △D	DIM. "B" △D	DIM. "C" △D	DIM. "D" △D	DIM. "E" △D	DIM. "F" △D	DIM. "G" △D	DIM. "H" △D	DIM. "J" △D	DIM. "K" △D	DIM. "M" △D	RECEPTACLE PART NUMBER
214-3339-XX	1.00 [25.4]	.60 [15.2]	1.28 [32.6]	.82 [20.8]	.300 [7.62]	.60 [15.2]	.100 [2.54]	.40 [10.2]	.025 [0.64]	.27 [6.8]	.09 [2.3]	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]	1.77 [45.0]	1.08 [27.5]	.600 [15.24]	1.10 [27.9]		.41 [10.4]	.020 [0.50]	.29 [7.3]	.11 [2.9]	224-1275-XX
224-5248-XX	.96 [24.4]	.56 [14.2]		.77 [19.6]	.300 [7.62]			.40 [10.2]	.025 [0.64]	.27 [6.8]	.09 [2.3]	224-5248-XX
228-1277-XX	1.26 [32.0]	.86 [21.9]	1.98 [50.4]	1.08 [27.5]	.600 [15.24]	1.30 [33.0]		.41 [10.4]	.020 [0.50]	.29 [7.3]	.11 [2.9]	228-1277-XX
228-4817-XX	1.06 [26.9]	.66 [16.8]		.88 [22.5]	.400 [10.16]	1.30 [33.0]		.40 [10.2]	.025 [0.64]	.27 [6.8]	.09 [2.3]	228-4817-XX
228-1290-XX	1.09 [27.9]	.70 [17.8]	1.59 [40.5]	.92 [23.4]		.97 [24.7]	.070 [1.78]	.41 [10.4]	.024 × .010 [0.60 × 0.25]	.29 [7.3]	.11 [2.9]	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]		.41 [10.4]	.020 [0.50]	.29 [7.3]	.11 [2.9]	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]	.100 [2.54]	.40 [10.2]	.025 [0.64]	.27 [6.8]	.09 [2.3]	240-3639-XX
240-1280-XX	1.26 [32.0]	.86 [21.9]		1.08 [27.5]	.600 [15.24]	1.90 [48.3]		.41 [10.4]	.020 [0.50]			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]	.070 [1.78]	.41 [10.4]	.024 × .010 [0.60 × 0.25]			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]	.100 [2.54]	.41 [10.4]	.020 [0.50]	.29 [7.3]	.11 [2.9]	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]		.41 [10.4]	.020 [0.50]			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]	.070 [1.78]	.41 [10.4]	.024 × .010 [0.60 × 0.25]			264-1300-XX
264-4493-XX	1.70 [43.2]	1.30 [33.0]	3.95 [100.3]	1.52 [38.6]	.900 [22.86]	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 × .010 [0.60 × 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

DESIGN REFERENCE | NEXT ASSEMBLY | ACCESS CODES

DRFT: CASTIGLIONE | DATE: FEB 12,2024 | MFG | DATE

CHKD | DATE | APPVL: F. RODRIGUEZ | DATE: FEB 12,2024

DIVISION | DIVISION CODE: EMSD

DO NOT SCALE DRAWING | SCALE 2 1

TOLERANCES EXCEPT AS NOTED
INCHES
.0 ±
.00 ±.01
.000 ±.005
.0000 ±
MILLIMETERS
0 ±
.0 ±.3
.00 ±0.13
.000 ±
ANGLES ±

THIRD ANGLE PROJECTION

INTERPRET PER ASME Y14.5 - 2018

MAX SURFACE ROUGHNESS ☐ ALL SURFACES ☐ MARKED ONLY

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TITLE: TEXTOOL RECEPTACLES FOR DIP SOCKETS

CAGE NUMBER | SIZE D | DRAWING NO. 78-5100-0454-8 | REV. D

MODEL | DET. LISTS ☐ YES ☒ NO | SHT 2 OF 3

78-5100-0454-8 DRAWING NUMBER | D REVISION

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3M™ TEXTOOL™ RECEPTACLES FOR DIP SOCKETS

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Electronics Materials Solutions Division
13011 McCallen Pass, Bldg. C
Austin, TX 78753-5380
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REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
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ACCESS CODES

DRFT: CASTIGLIONE | DATE: FEB 12,2024 | MFG | DATE

CHKD | DATE | APPVL: F. RODRIGUEZ | DATE: FEB 12,2024

DIVISION

DIVISION CODE: EMSD

DO NOT SCALE DRAWING | SCALE 2/1

THIRD ANGLE PROJECTION

INTERPRET PER ASME Y14.5 - 2018

MAX SURFACE ROUGHNESS ☐ ALL SURFACES ☐ MARKED ONLY

TOLERANCES EXCEPT AS NOTED

INCHES
.0 ±
.00 ±.01
.000 ±.005
.0000 ±

MILLIMETERS
0 ±
.0 ±.3
.00 ±0.13
.000 ±

ANGLES ±

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TITLE: TEXTOOL RECEPTACLES FOR DIP SOCKETS

CAGE NUMBER | SIZE: D | DRAWING NO.: 78-5100-0454-8 | REV.: D

MODEL | DET LIS?s ☐ YES ☒ NO | SHT 3 OF 3

78-5100-0454-8 DRAWING NUMBER | D REVISION

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