

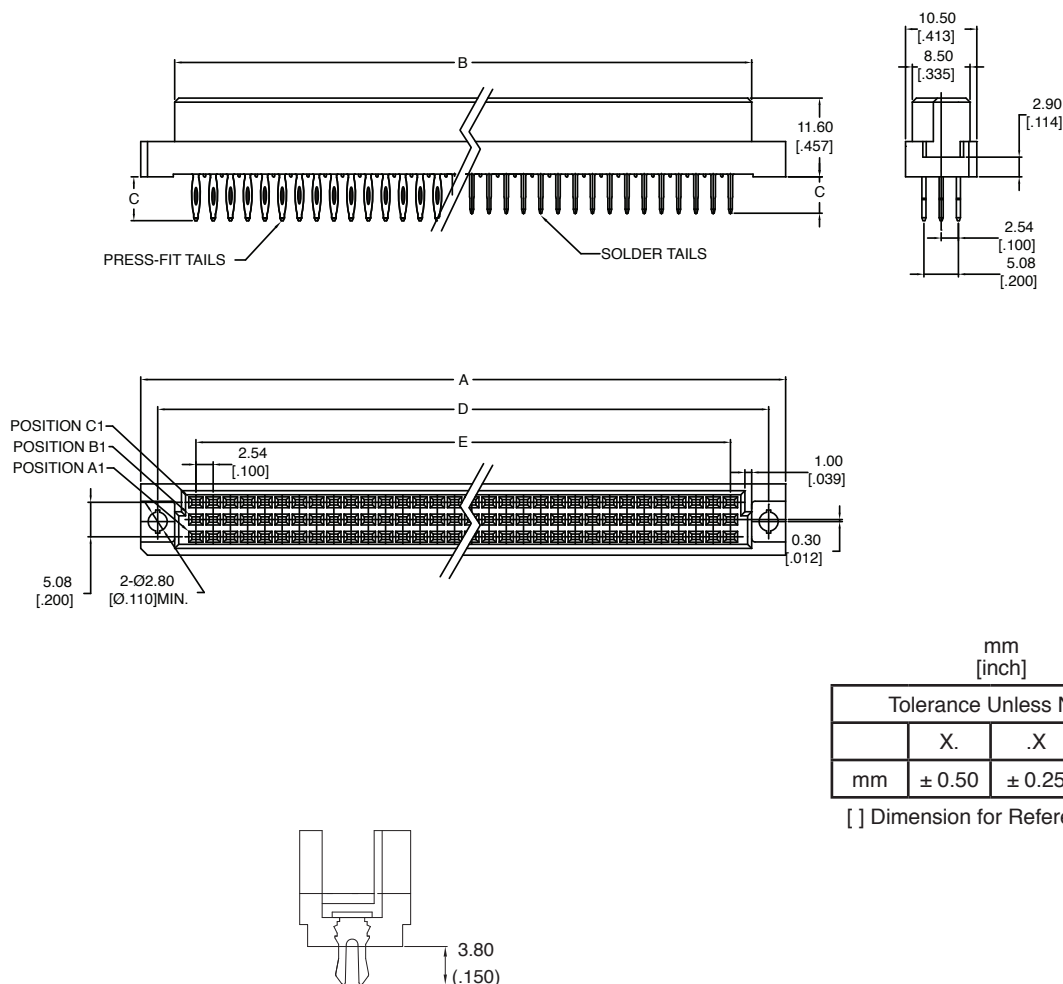
# 3M™ DIN C-Form Socket

Vertical, Solder Tail or Press-Fit Termination

DIN 41612 Series

Table 1

Contact Quantity	Part Number	A	B	D	E
16	DIN-016CSA-XXX-XXXX	54.40 [2.142]	44.40 [1.748]	50.00 [1.969]	38.10 [1.500]
32	DIN-032CSB-XXX-XXXX	54.40 [2.142]	44.40 [1.748]	50.00 [1.969]	38.10 [1.500]
48	DIN-048CSC-XXX-XXXX	54.40 [2.142]	44.40 [1.748]	50.00 [1.969]	38.10 [1.500]
32	DIN-032CSD-XXX-XXXX	54.40 [2.142]	44.40 [1.748]	50.00 [1.969]	38.10 [1.500]
16	DIN-016CSE-XXX-XXXX	54.40 [2.142]	44.40 [1.748]	50.00 [1.969]	38.10 [1.500]
32	DIN-032CSA-XXX-XXXX	95.00 [3.740]	85.00 [3.346]	90.00 [3.543]	78.74 [3.100]
64	DIN-064CSB-XXX-XXXX	95.00 [3.740]	85.00 [3.346]	90.00 [3.543]	78.74 [3.100]
96	DIN-096CSC-XXX-XXXX	95.00 [3.740]	85.00 [3.346]	90.00 [3.543]	78.74 [3.100]
64	DIN-064CSD-XXX-XXXX	95.00 [3.740]	85.00 [3.346]	90.00 [3.543]	78.74 [3.100]
32	DIN-032CSE-XXX-XXXX	95.00 [3.740]	85.00 [3.346]	90.00 [3.543]	78.74 [3.100]



mm  
[inch]

Tolerance Unless Noted			
	X.	.X	.XX
mm	± 0.50	± 0.25	± 0.15

[ ] Dimension for Reference Only

TS-2306-E  
Sheet 2 of 3



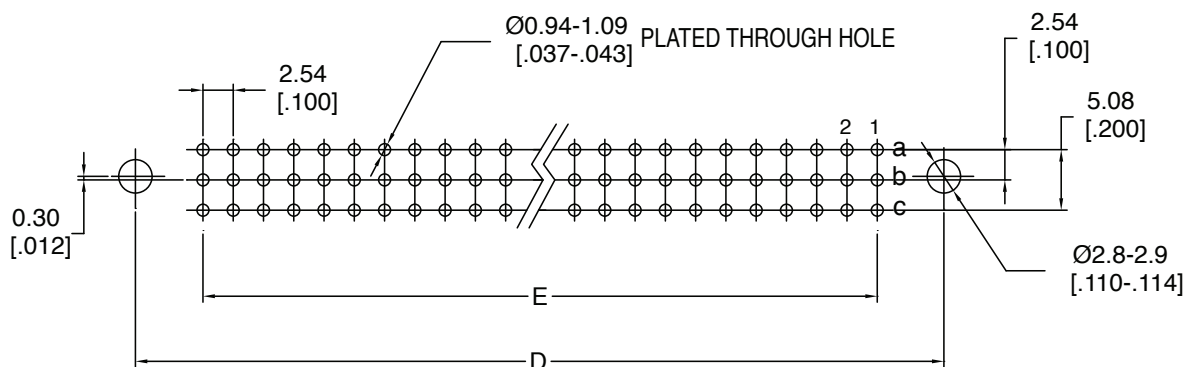
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Interconnect Solutions  
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# 3M™ DIN C-Form Socket

Vertical, Solder Tail or Press-Fit Termination

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## RECOMMENDED PCB LAYOUT

### Ordering Information

**DIN - XXXCS X - XXX - XX**

Contact Quantity  
SEE TABLE 1

A = A Row only (see note)  
B = Rows A & C Filled  
C = Rows A, B & C Filled  
D = Rows A & B Filled  
E = B Row only (see note)

Termination Options:  
SEE TABLE 2

Plating Options:

SH = 1 - 3  $\mu$ " Gold on Contact  
120 - 200  $\mu$ " Matte Tin on Terminal

FJ = 10 - 20  $\mu$ " Gold on Contact  
120 - 200  $\mu$ " Matte Tin on Terminal

KR = 30 - 40  $\mu$ " Gold on Contact  
120 - 200  $\mu$ " Matte Tin on Terminal

HM = 3  $\mu$ " Gold on Contact, 7  $\mu$ " Min. PdNi  
120 - 200  $\mu$ " Matte Tin on Terminal

KV = 30  $\mu$ " Gold on contact area, 1 - 3  $\mu$ " Gold  
on Board Termination

Table 2

SOLDER TERMINATION OPTION NO.	DIM "C" mm (in)	Comments
R1L	3.75 (.148)	with Retention Clips
R3L	2.29 (.090)	with Retention Clips
S1L	3.75 (.148)	no Retention Clips
S3L	2.29 (.090)	no Retention Clips
W	14.70 (.579)	no Retention Clips
PRESS-FIT TERMINATION OPTION NO.		
PS	5.99 (.236)	
PSL	4.25 (.167)	
PW1	12.90 (.508)	

Note: A and E options are not currently covered in UL File No. E68080

TS-2306-E  
Sheet 3 of 3



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