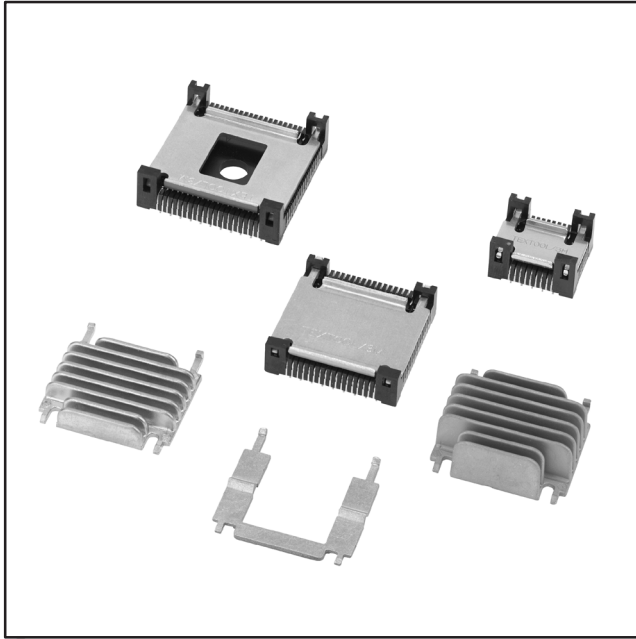


OEM LCC Sockets

32, 68 & 84 Leads



- Accepts JEDEC leadless ceramic chip carriers
- Variety of lid options available only for 68 position
- "U" lid for I.C.E. adaptor I/O cable exit
- Heat Sink available for 68 position
- Polarizing post on bottom of socket
- No tools required for package insertion/removal
- Full contact probe-ability
- High temperature PPS plastic and BeCu contacts for rugged performance

Date Issued: February 22, 2001

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Sheet 1 of 5

Physical

Insulation

Material: Glass Filled Polyphenylene Sulfide (PPS)

Flammability: UL 94V-0

Color: Black

Contact

Material: Beryllium Copper

Plating: 50 μ " [1.27 μ m] Nickel with Gold Flash in wiping area and solder tails

Lid Material: Aluminum

Marking: Raised Letters: 3M Logo & Part Identification

Electrical

Current Rating: 1 A

Insulation Resistance: $> 1 \times 10^{12} \Omega$ at 500 Vdc

Withstanding Voltage: 1000 Vrms at Sea Level

Environmental

Temperature Rating Operating: - 55° C to +105°C

UL File No.: E68080

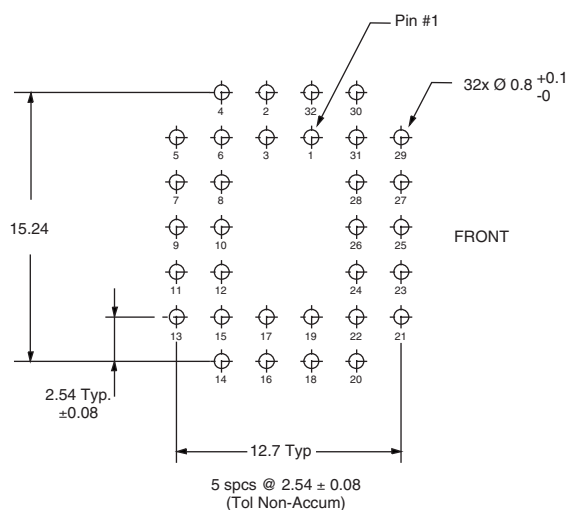
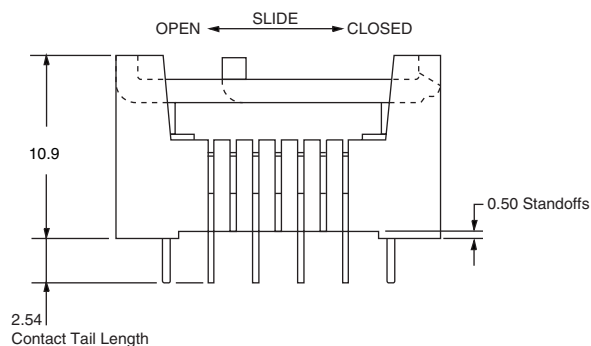
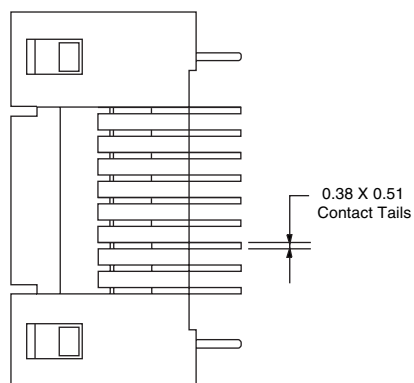
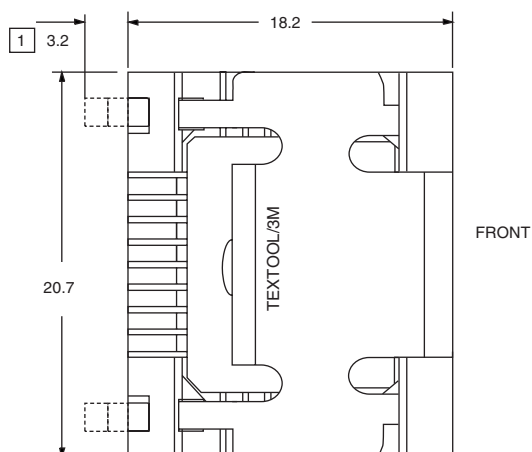
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or visit our website: <http://www.3M.com/ehpd>

OEM LCC Sockets

32, 68 & 84 Leads



Notes:

1 Clearance required to allow for slide lid.

DIMENSIONS IN MILLIMETERS		
DIM	.0	.00
TOL	±0.25	±0.13

Ordering Information

Lead Count	Part Number	Description	Device Thickness		
			Length	Width	Thickness*
32	232-1271-00-1102JH	Solid Lid			

*Device Thickness does not include cover.

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Sheet 2 of 5

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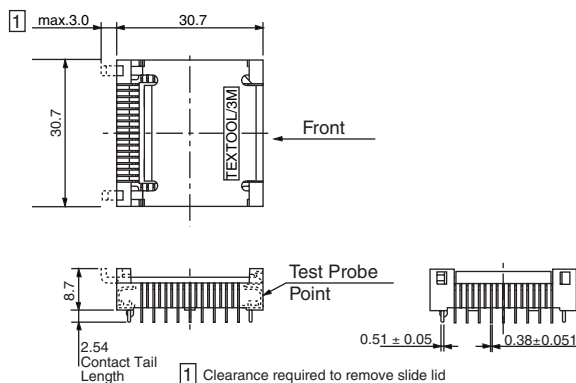
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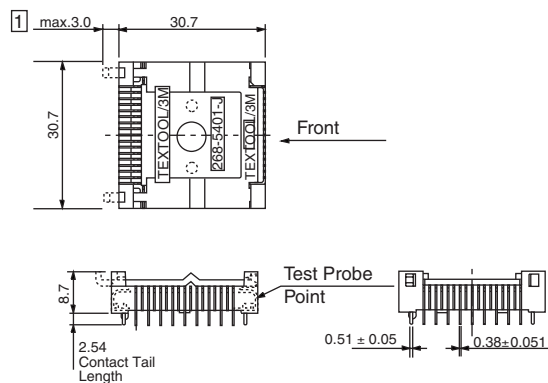
OEM LCC Sockets

32, 68 & 84 Leads

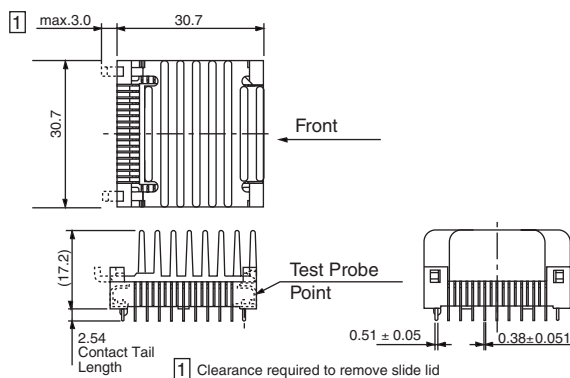
268-5401-00-1102JH



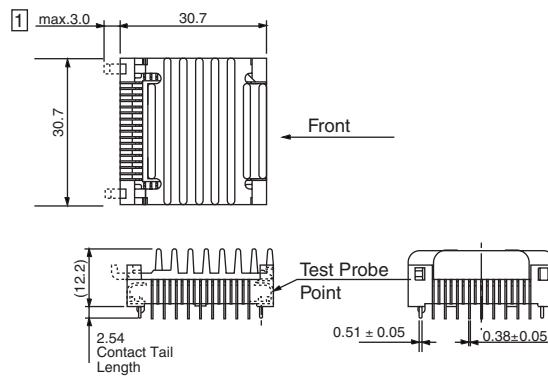
268-5401-50-1102JH



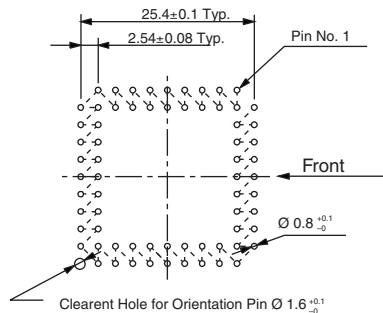
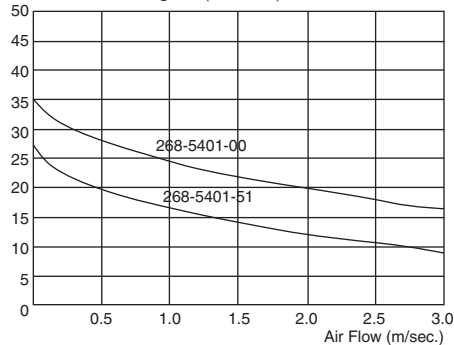
268-5401-51-1102JH



268-5401-52-1102JH



Thermal Resistance Θ J-A (°C WATT)



DIMENSIONS IN MILLIMETERS		
DIM	.0	.00
TOL	± 0.25	± 0.13

Ordering Information

Lead Count	Part Number	Description	Applicable Device	
			Body Size	Thickness
68	268-5401-00-1102JH	Chip Carrier-LCC with Full Lid	24.13 ± 0.25	1.52 ± 0.15
68	268-5401-00-0000	Lid - Full	24.13 ± 0.25	1.52 ± 0.15
68	268-5401-11-1102JH	End Use-LCC Type "A" Base Sub-assembly	24.13 ± 0.25	1.52 ± 0.15
68	268-5401-50-0000	Lid-U Shape	24.13 ± 0.25	1.52 ± 0.15
68	268-5401-50-1102JH	Chip Carrier-LCC with U-Shape Lid	24.13 ± 0.25	1.52 ± 0.15
68	268-5401-51-0000	Lid - 11 mm Heat Sink	24.13 ± 0.25	1.52 ± 0.15
68	268-5401-51-1102JH	Chip Carrier-LCC with 11 mm Heat Sink	24.13 ± 0.25	1.52 ± 0.15
68	268-5401-52-0000	Lid - 6 mm Heat Sink	24.13 ± 0.25	1.52 ± 0.15
68	268-5401-52-1102JH	Chip Carrier-LCC with 6 mm Heat Sink	24.13 ± 0.25	1.52 ± 0.15

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Sheet 3 of 5

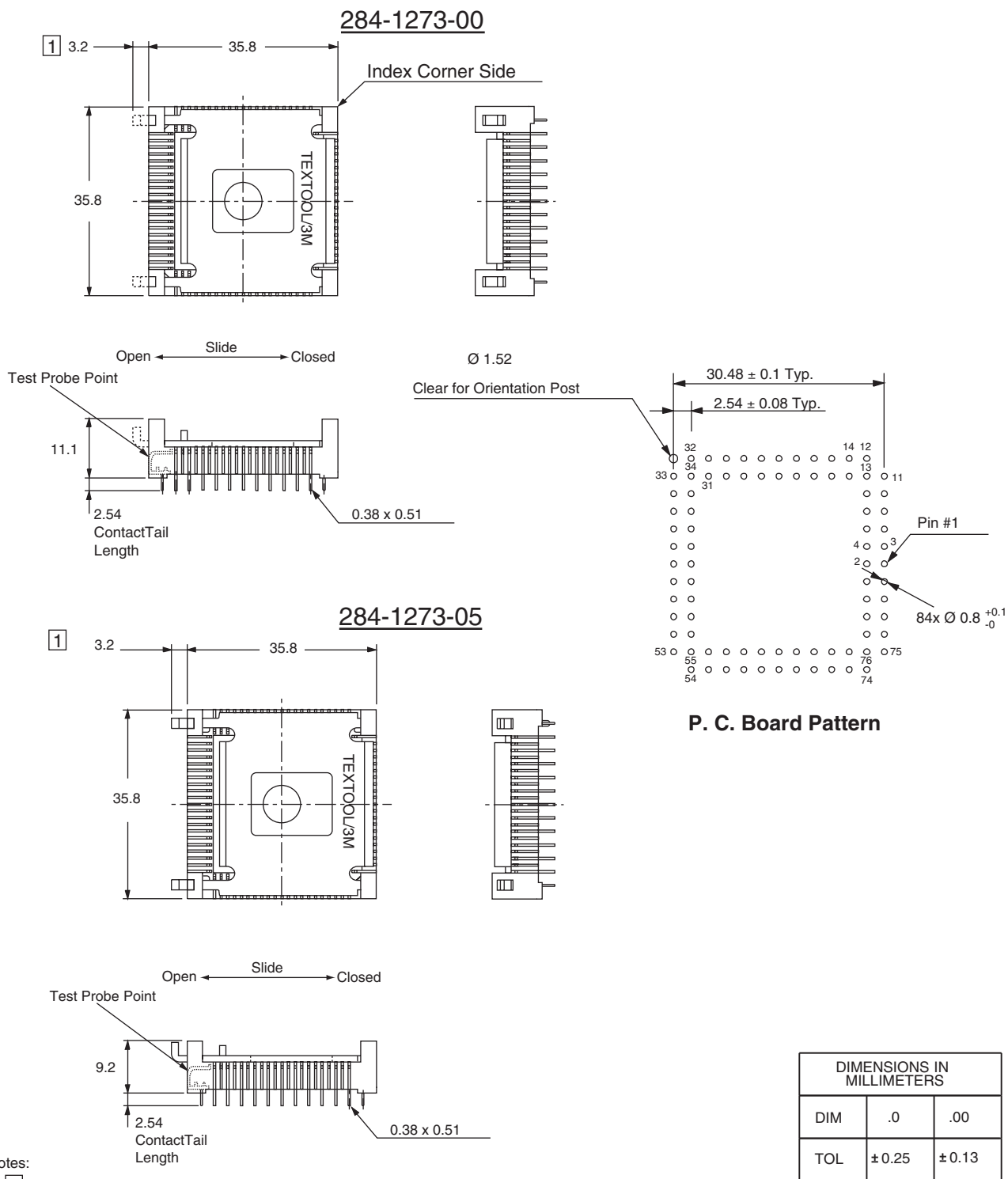
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OEM LCC Sockets

32, 68 & 84 Leads



Ordering Information

Lead Count	Part Number	Applicable Device	
		Body Size	Thickness*
84	284-1273-00-1102JH	29.21 ± 0.38 Sq	3.40 ± 0.05
84	284-1273-05-1102JH	29.21 ± 0.28 Sq	1.52 ± 0.05

* Device thickness does not include cover.

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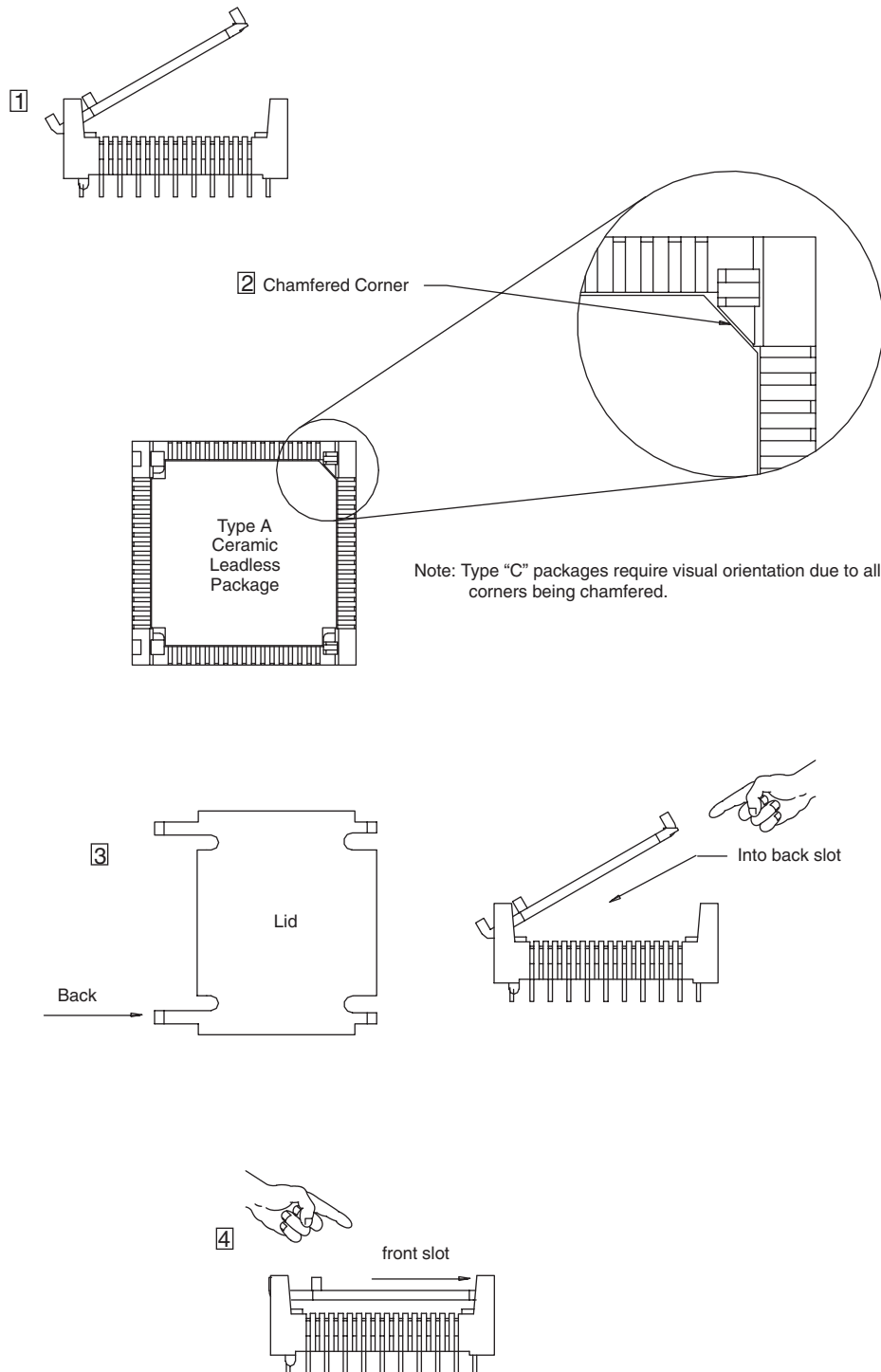
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OEM LCC Sockets

32, 68 & 84 Leads

Assembly Instructions:

- 1 Remove Lid from the socket body.
- 2 Insert package into socket with chamfered corners meeting.
- 3 Replace lid by inserting into back slot of socket body.
- 4 While pressing lid down slid forward until fully inserted into front slot of socket body.
- 5 To extract package, slide back and remove lid.



TS-0359-06
Sheet 5 of 5

Mouser Electronics

Authorized Distributor

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3M:

[232-1271-00-1102JH](#) [268-5401-00-0000](#) [268-5401-11-1102JH](#) [268-5401-50-0000](#) [268-5401-52-0000](#) [268-5401-52-1102JH](#)