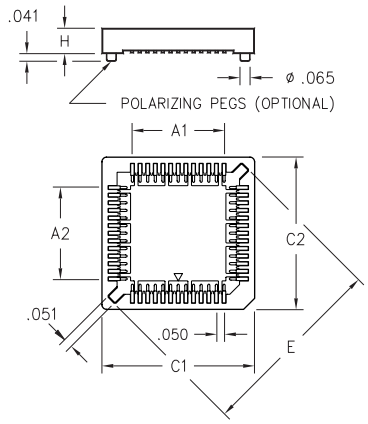
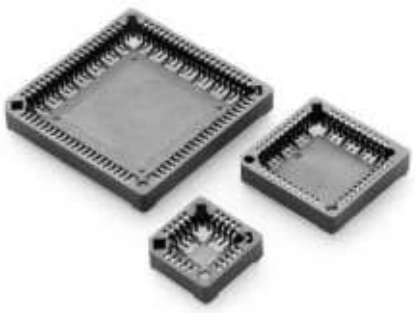
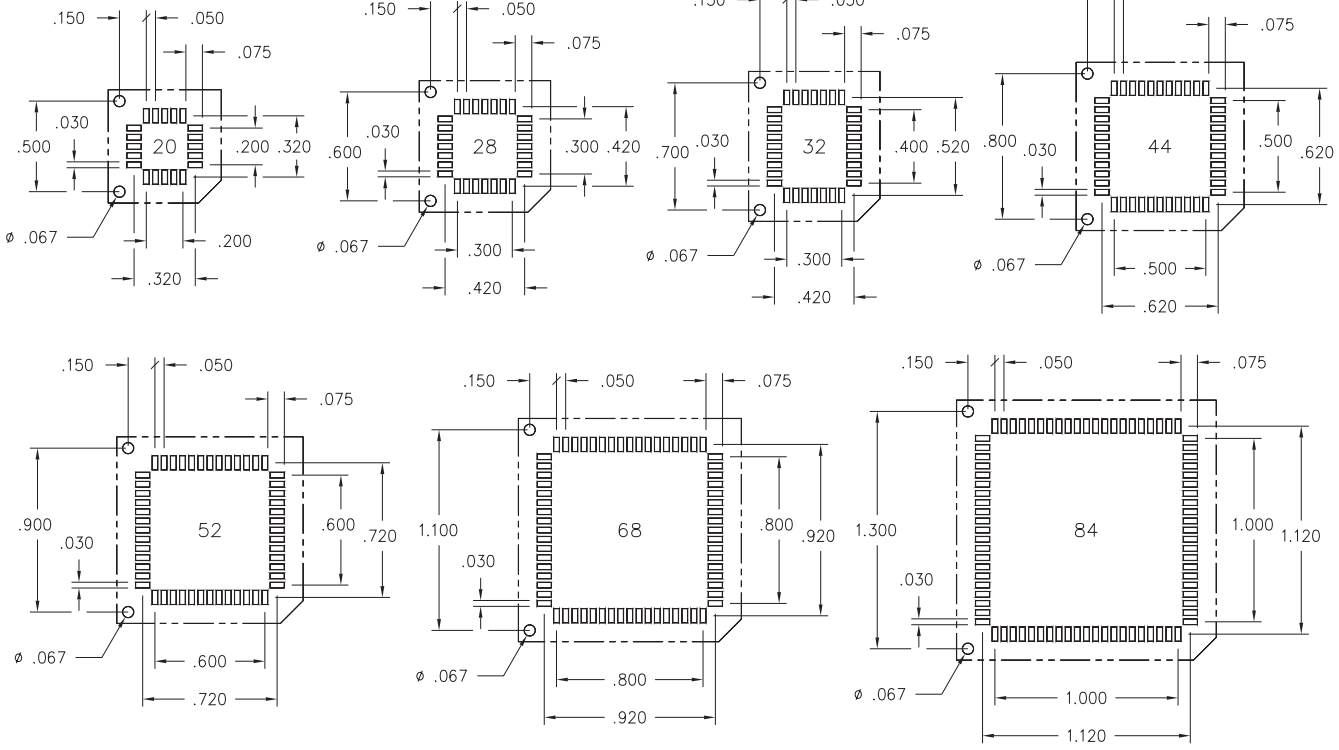


- Note: End stackable.
- Designed for JEDEC type devices.
- Open frame design in solder area improves results of IR soldering and facilitates visual inspection of solder pads.
- The brown PPS (Ryton R-4) insulator has optional polorizing pegs (PP).
- PLCC chip extraction tool available, see page 96.



SURFACE MOUNT

PCB LAYOUT FOR SURFACE MOUNT



AVAILABLE PACKAGED IN TUBES OR ON TAPE AND REEL PER EIA-481

No. of Pins	ORDERING INFORMATION		A1	A2	C1	C2	E	H	Qty. per Tube	Tape Width mm	Qty. per Reel
20	540-99-020-17-400X0X		.200	.200	.585	.585	.657	.180	34	24	490
28	540-99-028-17-400X0X		.300	.300	.685	.685	.799	.180	29	32	400
32*	540-99-032-17-400X0X	*Rectangular	.300	.400	.670	.770	.885	.148	26	32	400
44	540-99-044-17-400X0X		.500	.500	.885	.885	1.082	.180	22	44	250
52	540-99-052-17-400X0X		.600	.600	1.000	1.000	1.224	.180	20	44	250
68	540-99-068-17-400X0X		.800	.800	1.202	1.202	1.507	.180	16	44	250
84	540-99-084-17-400X0X		1.000	1.000	1.400	1.400	1.791	.180	14	56	200
	X= 0 Without PP X= 2 With PP	X= 0 Tube Packaged X= 4 Tape and Reel									

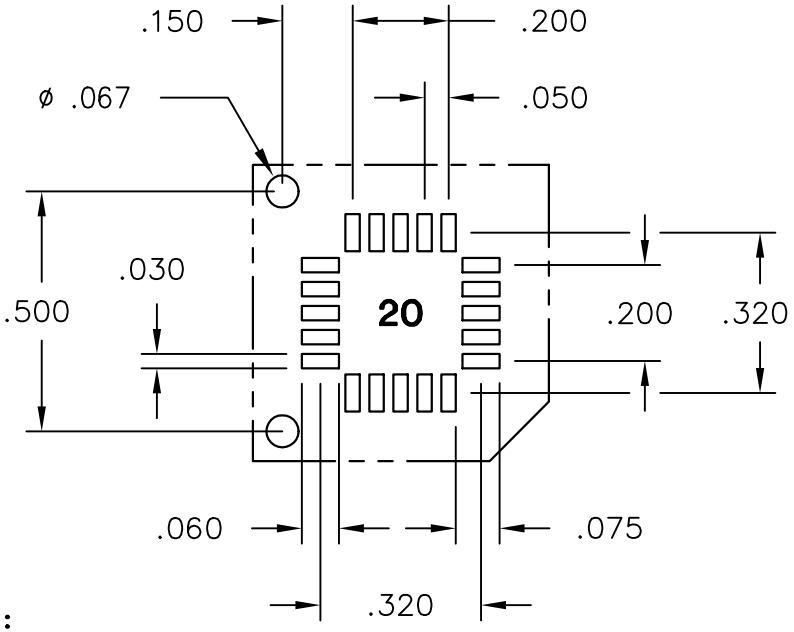
ALL SERIES 540 CONTACTS ARE PLATED TIN/LEAD. SEE PAGE 96 FOR TECHNICAL SPECIFICATIONS.

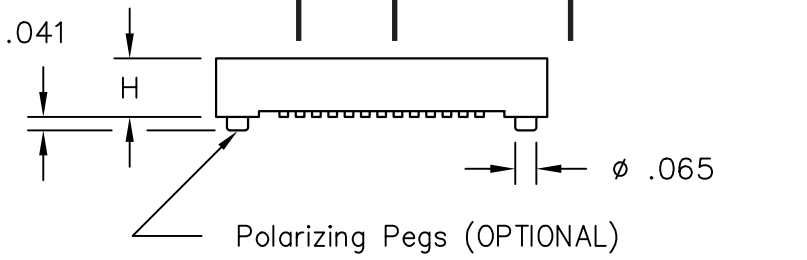
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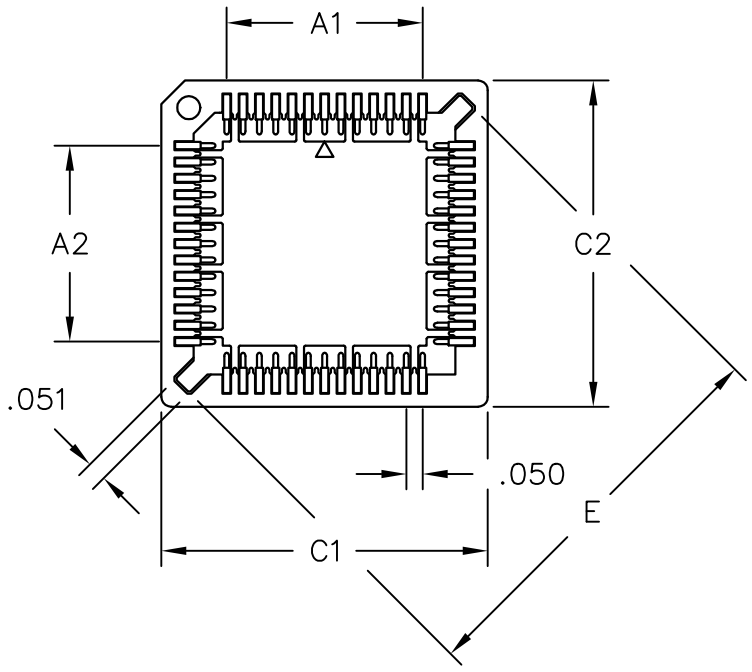
REV.	DATE	REV. DESCRIPTION

PRINTED CIRCUIT BOARD FOOTPRINT LAYOUT

(TOP VIEW)







ORDER AS:

540-99-020-17-400X0X

X = 0 TUBE PACKAGED
X = 4 TAPE AND REEL

X = 0 WITHOUT POLORIZING PEGS
X = 2 WITH POLORIZING PEGS

Pins	– A1 –	– A2 –	– C1 –	– C2 –	– E –	– H –	Qty. per Tube	Qty. per Reel	Tape Width mm
20	.200	.200	.585	.585	.657	.180	34	490	24mm

- NOTES: End Stackable.
- Designed for JEDEC type MS-018 & MS-016 devices
- Contact Material: Copper Alloy.
- Contact Finish: Tin/Lead over Nickel.
- Insulator Material: (Brown) PPS Ryton R-4 Rated UL 94 V-0.

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ALL DIMENSIONS IN INCHES

PIN TOLERANCES BEFORE PLATING	INSULATOR TOLERANCES
LENGTHS: ±.005 DIAMETERS: ±.002 ANGLES: ±2°	LENGTHS: ±.005 THICKNESS: ±.003 HOLE TO HOLE: ±.001 NON ACCUMULATIVE

DATE	DRAWN	ENG. APPROVAL	SHEET NUMBER
10/08/02	D.M.		1 of 7

TITLE: 20 PIN SMT PLCC PIN-OUT

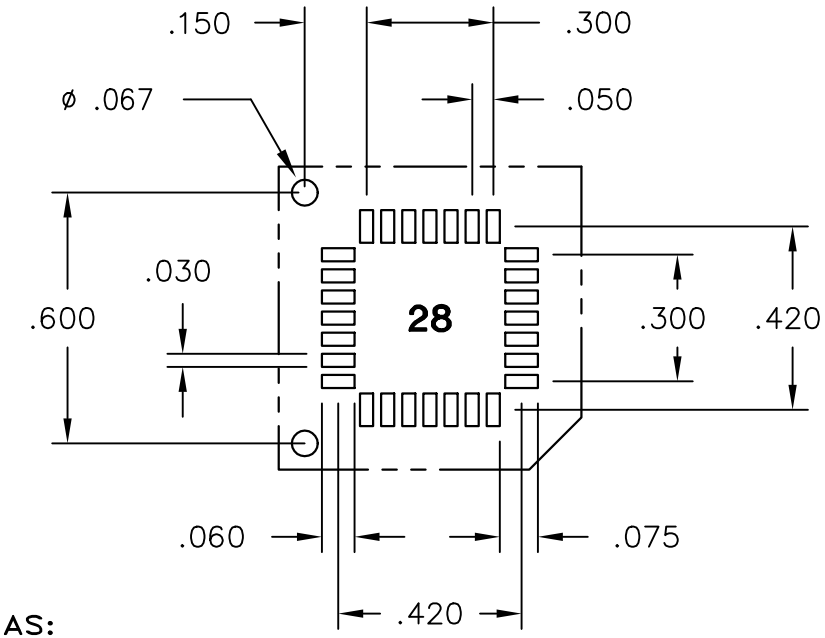
CUSTOMER APPROVAL	DRAWING NUMBER	REV
	540SERIESSMT	–

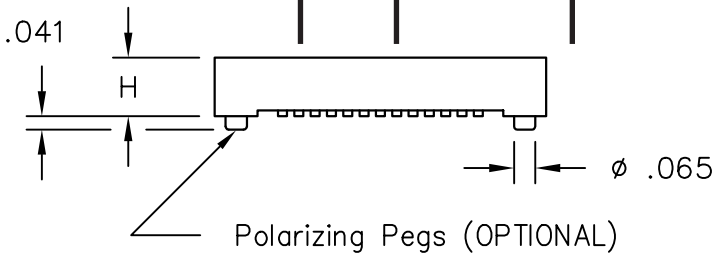
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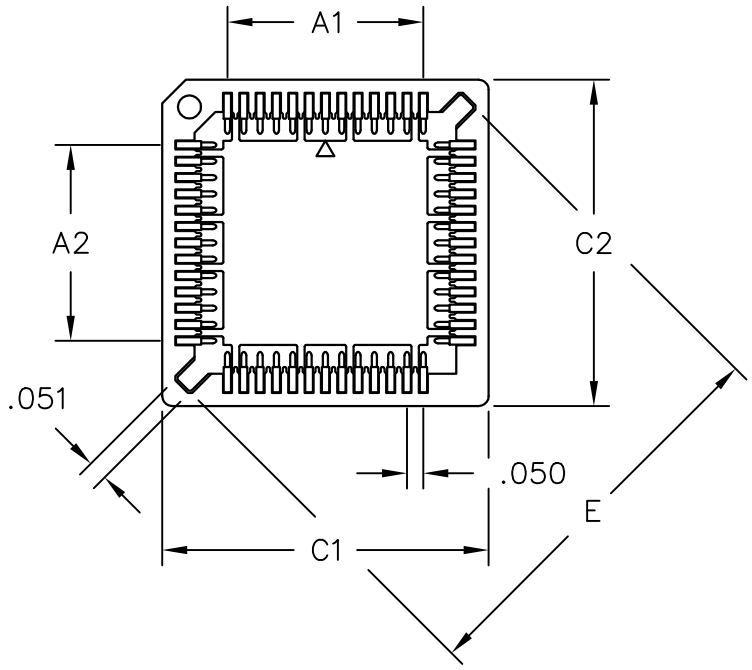
REV.	DATE	REV. DESCRIPTION

PRINTED CIRCUIT BOARD FOOTPRINT LAYOUT

(TOP VIEW)







ORDER AS:

540-99-028-17-400X0X

X = 0 TUBE PACKAGED
X = 4 TAPE AND REEL

X = 0 WITHOUT POLORIZING PEGS
X = 2 WITH POLORIZING PEGS

Pins	– A1 –	– A2 –	– C1 –	– C2 –	– E –	– H –	Qty. per Reel	Qty. per Tube	Tape Width mm
28	.300	.300	.685	.685	.799	.180	29	400	32mm

- NOTES: End Stackable.
- Designed for JEDEC type MS-018 & MS-016 devices.
- Contact Material: Copper Alloy.
- Contact Finish: Tin/Lead over Nickel.
- Insulator Material: (Brown) PPS Ryton R-4 Rated UL 94 V-0.

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ALL DIMENSIONS IN INCHES

PIN TOLERANCES BEFORE PLATING
LENGTHS: ±.005
DIAMETERS: ±.002
ANGLES: ±2°

INSULATOR TOLERANCES
LENGTHS: ±.005
THICKNESS: ±.003
HOLE TO HOLE: ±.001
NON ACCUMULATIVE

DATE	DRAWN	ENG. APPROVAL	SHEET NUMBER
10/08/02	D.M.		2 of 7

TITLE: 28 PIN SMT PLCC PIN-OUT

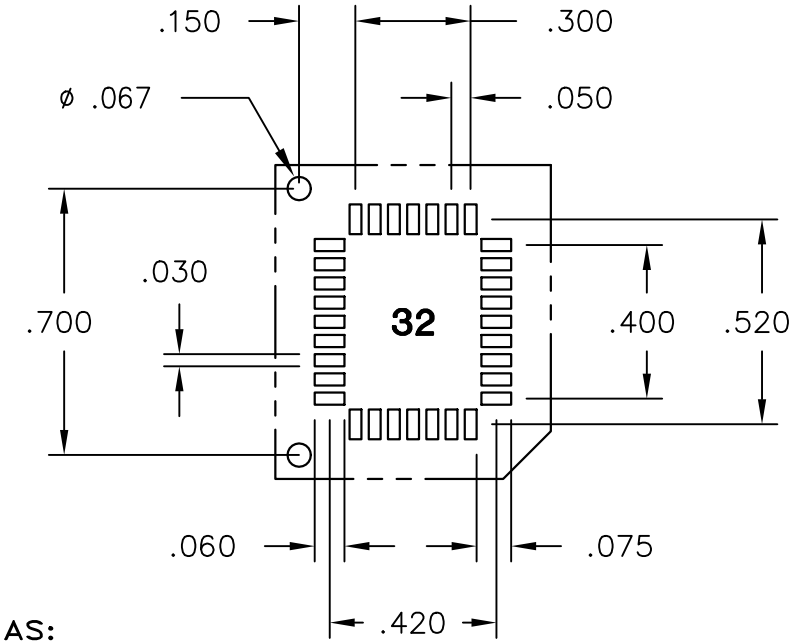
CUSTOMER APPROVAL	DRAWING NUMBER	REV
	540SERIESSMT	–

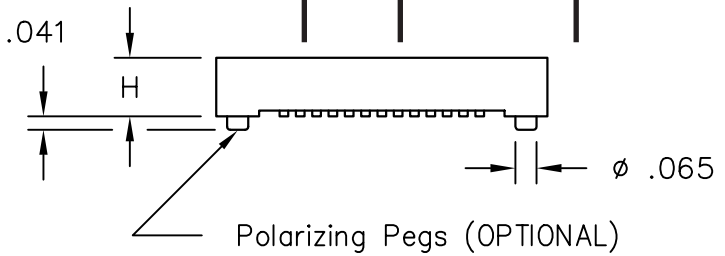
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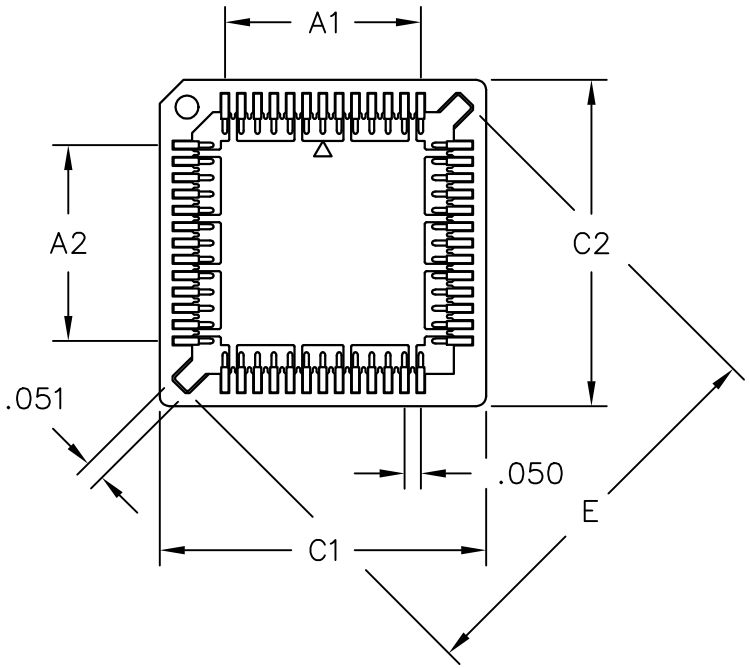
REV.	DATE	REV. DESCRIPTION

PRINTED CIRCUIT BOARD FOOTPRINT LAYOUT

(TOP VIEW)







ORDER AS:

540-99-032-17-400X0X

X = 0 TUBE PACKAGED
X = 4 TAPE AND REEL

X = 0 WITHOUT POLORIZING PEGS
X = 2 WITH POLORIZING PEGS

Pins	– A1 –	– A2 –	– C1 –	– C2 –	– E –	– H –	Qty. per Reel	Qty. per Tube	Tape Width mm
32	.300	.400	.670	.770	.885	.148	26	400	32mm

- NOTES: End Stackable.
- Designed for JEDEC type MS-018 & MS-016 devices.
- Contact Material: Copper Alloy.
- Contact Finish: Tin/Lead over Nickel.
- Insulator Material: (Brown) PPS Ryton R-4 Rated UL 94 V-0.

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ALL DIMENSIONS IN INCHES

PIN TOLERANCES BEFORE PLATING
LENGTHS: ±.005
DIAMETERS: ±.002
ANGLES: ±2°

INSULATOR TOLERANCES
LENGTHS: ±.005
THICKNESS: ±.003
HOLE TO HOLE: ±.001
NON ACCUMULATIVE

DATE	DRAWN	ENG. APPROVAL	SHEET NUMBER
10/08/02	D.M.		3 of 7

TITLE: 32 PIN SMT PLCC PIN-OUT

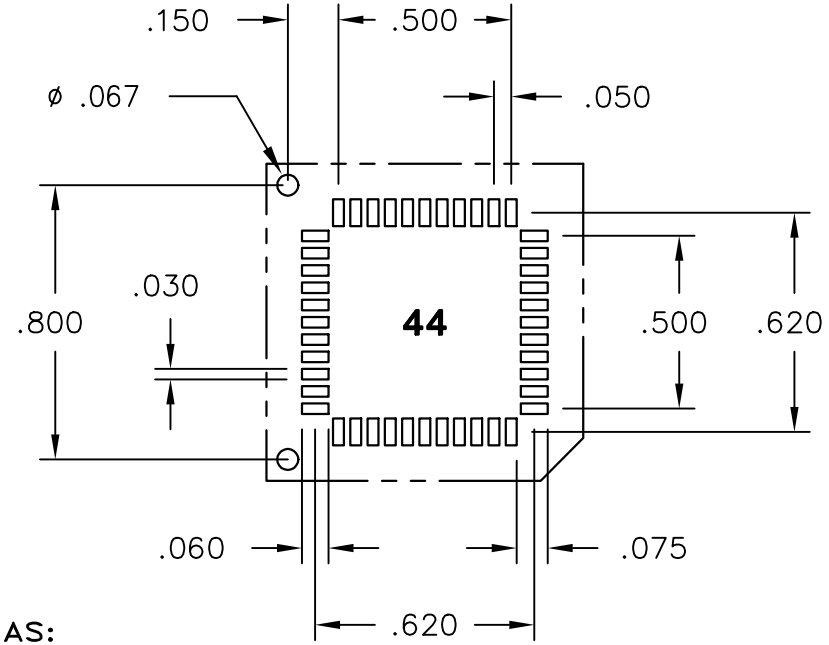
CUSTOMER APPROVAL	DRAWING NUMBER	REV
	540SERIESSMT	–

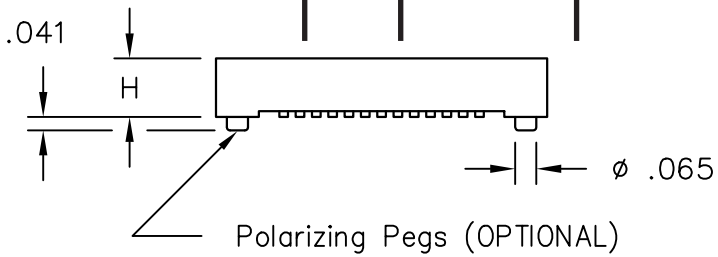
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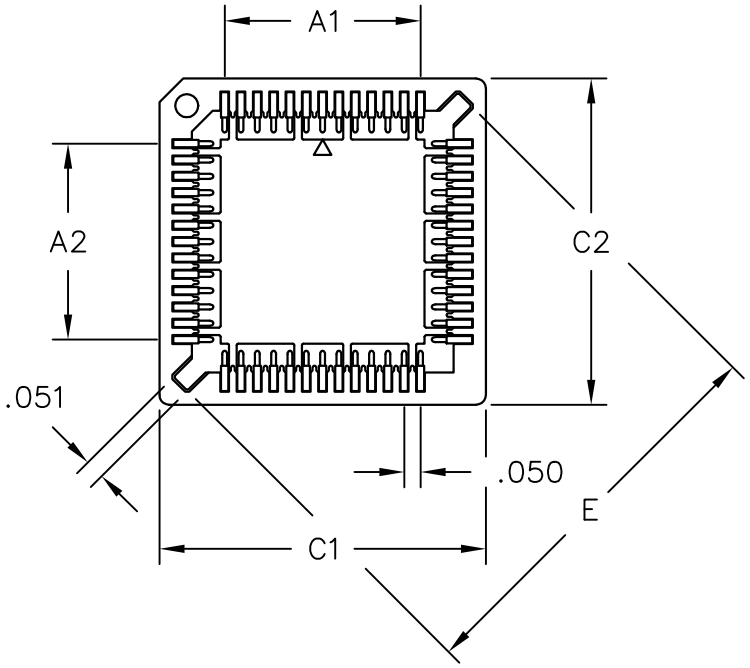
REV.	DATE	REV. DESCRIPTION

PRINTED CIRCUIT BOARD FOOTPRINT LAYOUT

(TOP VIEW)







ORDER AS:

540-99-044-17-400X0X

X = 0 TUBE PACKAGED
X = 4 TAPE AND REEL

X = 0 WITHOUT POLORIZING PEGS
X = 2 WITH POLORIZING PEGS

Pins	– A1 –	– A2 –	– C1 –	– C2 –	– E –	– H –	Qty. per Reel	Qty. per Tube	Tape Width mm
44	.500	.500	.885	.885	1.082	.180	22	250	44mm

- NOTES: End Stackable.
- Designed for JEDEC type MS-018 & MS-016 devices.
- Contact Material: Copper Alloy.
- Contact Finish: Tin/Lead over Nickel.
- Insulator Material: (Brown) PPS Ryton R-4 Rated UL 94 V-0.

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ALL DIMENSIONS IN INCHES

PIN TOLERANCES BEFORE PLATING
LENGTHS: ±.005
DIAMETERS: ±.002
ANGLES: ±2°

INSULATOR TOLERANCES
LENGTHS: ±.005
THICKNESS: ±.003
HOLE TO HOLE: ±.001
NON ACCUMULATIVE

DATE	DRAWN	ENG. APPROVAL	SHEET NUMBER
10/08/02	D.M.		4 of 7

TITLE: 44 PIN SMT PLCC PIN-OUT

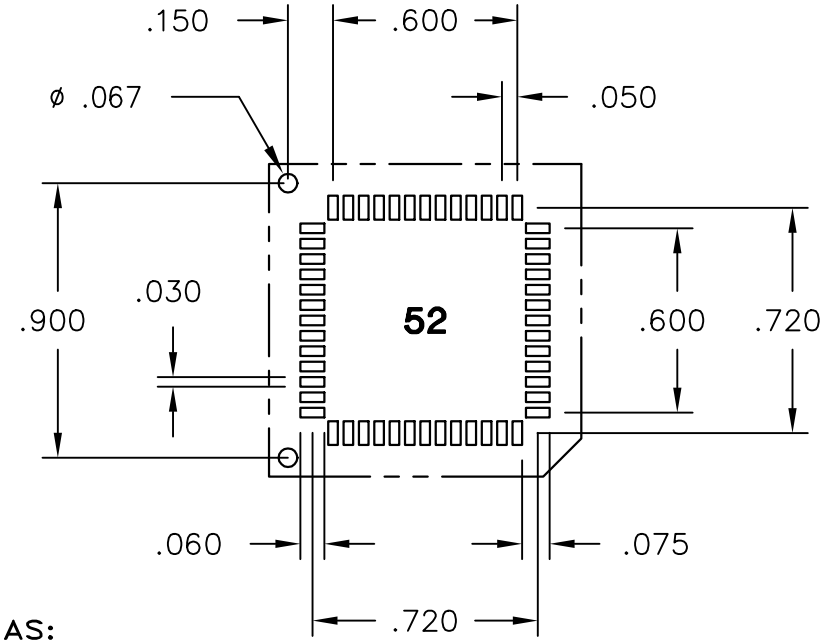
CUSTOMER APPROVAL	DRAWING NUMBER	REV
	540SERIESSMT	–

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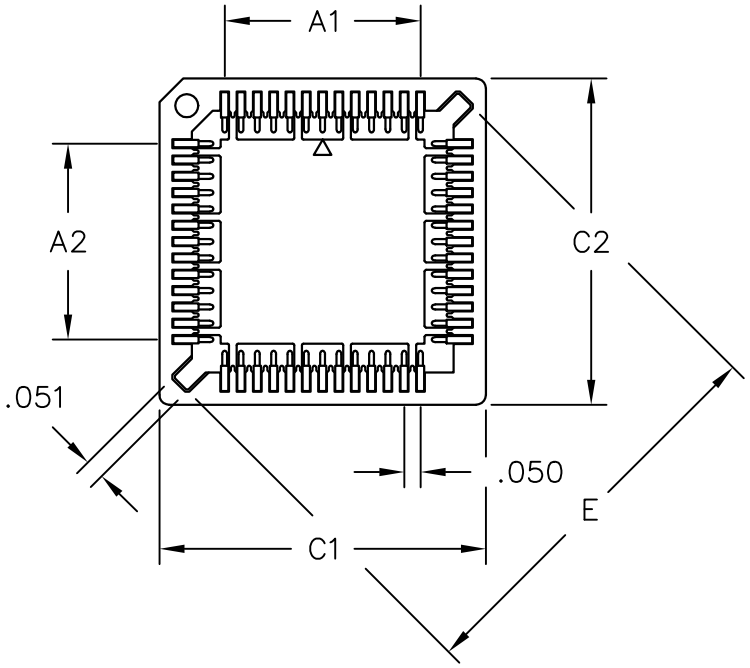
REV.	DATE	REV. DESCRIPTION

PRINTED CIRCUIT BOARD FOOTPRINT LAYOUT

(TOP VIEW)







ORDER AS:

540-99-052-17-400X0X

X = 0 TUBE PACKAGED
X = 4 TAPE AND REEL

X = 0 WITHOUT POLORIZING PEGS
X = 2 WITH POLORIZING PEGS

Pins	– A1 –	– A2 –	– C1 –	– C2 –	– E –	– H –	Qty. per Reel	Qty. per Tube	Tape Width mm
52	.600	.600	1.000	1.000	1.224	.180	20	250	44mm

- NOTES: End Stackable.
- Designed for JEDEC type MS-018 & MS-016 devices.
- Contact Material: Copper Alloy.
- Contact Finish: Tin/Lead over Nickel.
- Insulator Material: (Brown) PPS Ryton R-4 Rated UL 94 V-0.

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ALL DIMENSIONS IN INCHES

PIN TOLERANCES BEFORE PLATING
LENGTHS: ±.005
DIAMETERS: ±.002
ANGLES: ±2°

INSULATOR TOLERANCES
LENGTHS: ±.005
THICKNESS: ±.003
HOLE TO HOLE: ±.001
NON ACCUMULATIVE

DATE	DRAWN	ENG. APPROVAL	SHEET NUMBER
10/08/02	D.M.		5 of 7

TITLE: 52 PIN SMT PLCC PIN-OUT

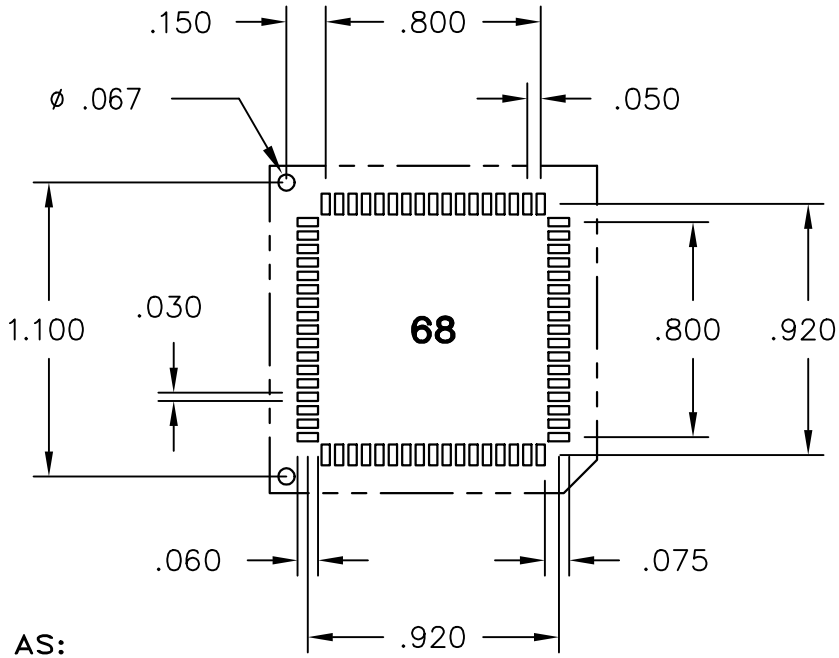
CUSTOMER APPROVAL	DRAWING NUMBER	REV
	540SERIESSMT	–

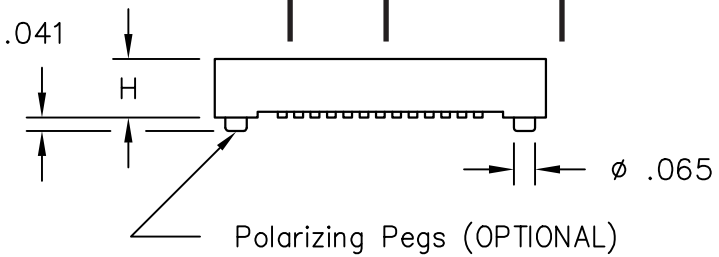
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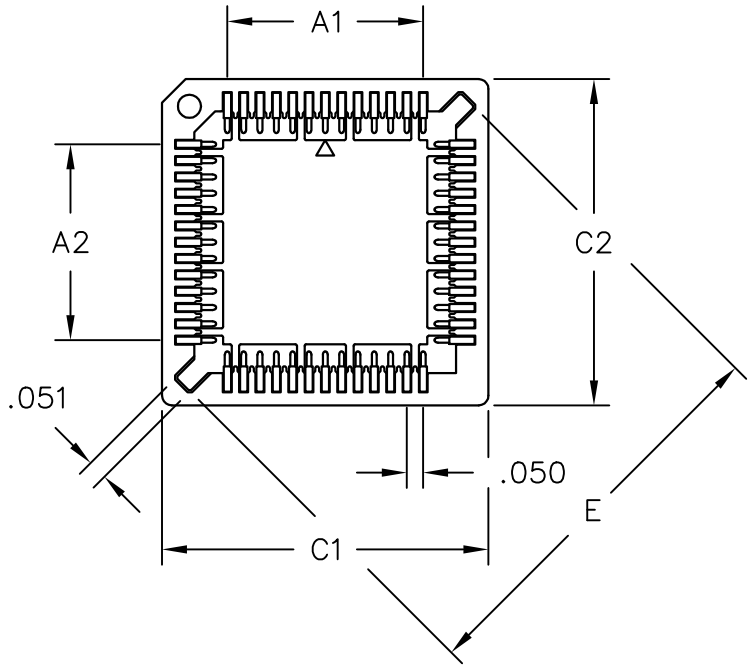
REV.	DATE	REV. DESCRIPTION

PRINTED CIRCUIT BOARD FOOTPRINT LAYOUT

(TOP VIEW)







ORDER AS:

540-99-068-17-400X0X

X = 0 TUBE PACKAGED
X = 4 TAPE AND REEL

X = 0 WITHOUT POLORIZING PEGS
X = 2 WITH POLORIZING PEGS

Pins	– A1 –	– A2 –	– C1 –	– C2 –	– E –	– H –	Qty. per Reel	Qty. per Tube	Tape Width mm
68	.800	.800	1.202	1.202	1.507	.180	16	250	44mm

- NOTES: End Stackable.
- Designed for JEDEC type MS-018 & MS-016 devices.
- Contact Material: Copper Alloy.
- Contact Finish: Tin/Lead over Nickel.
- Insulator Material: (Brown) PPS Ryton R-4 Rated UL 94 V-0.

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ALL DIMENSIONS IN INCHES

PIN TOLERANCES BEFORE PLATING
LENGTHS: ±.005
DIAMETERS: ±.002
ANGLES: ±2°

INSULATOR TOLERANCES
LENGTHS: ±.005
THICKNESS: ±.003
HOLE TO HOLE: ±.001
NON ACCUMULATIVE

DATE	DRAWN	ENG. APPROVAL	SHEET NUMBER
10/08/02	D.M.		6 of 7

TITLE: 68 PIN SMT PLCC PIN-OUT

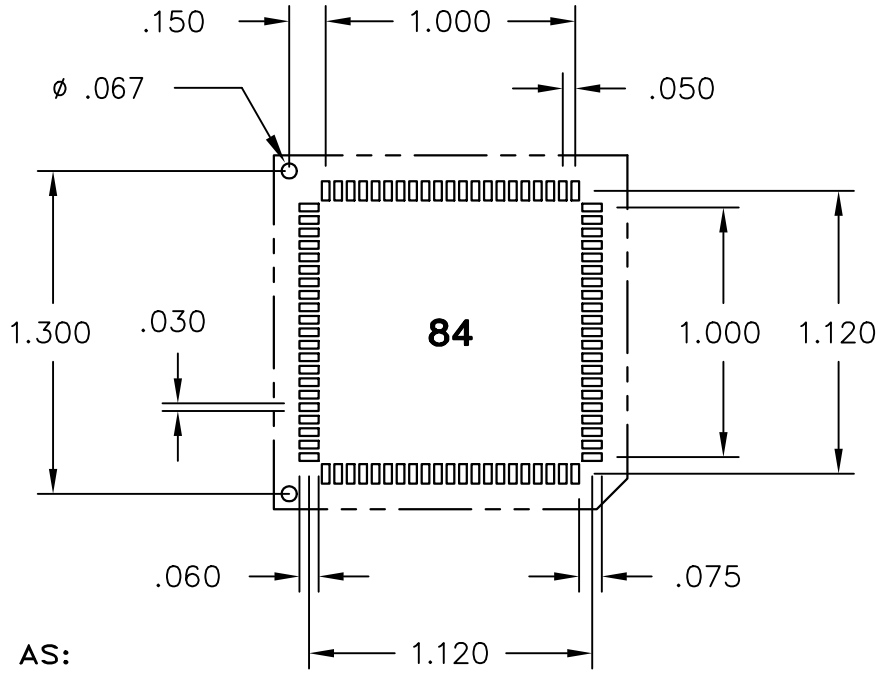
CUSTOMER APPROVAL	DRAWING NUMBER	REV
	540SERIESSMT	–

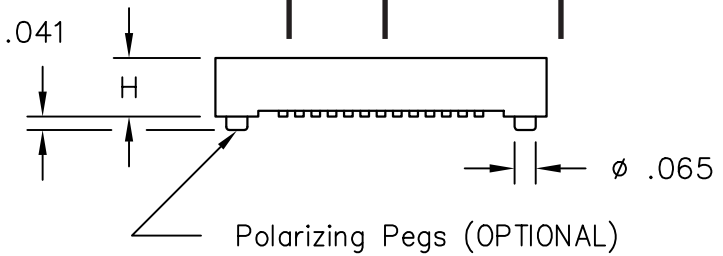
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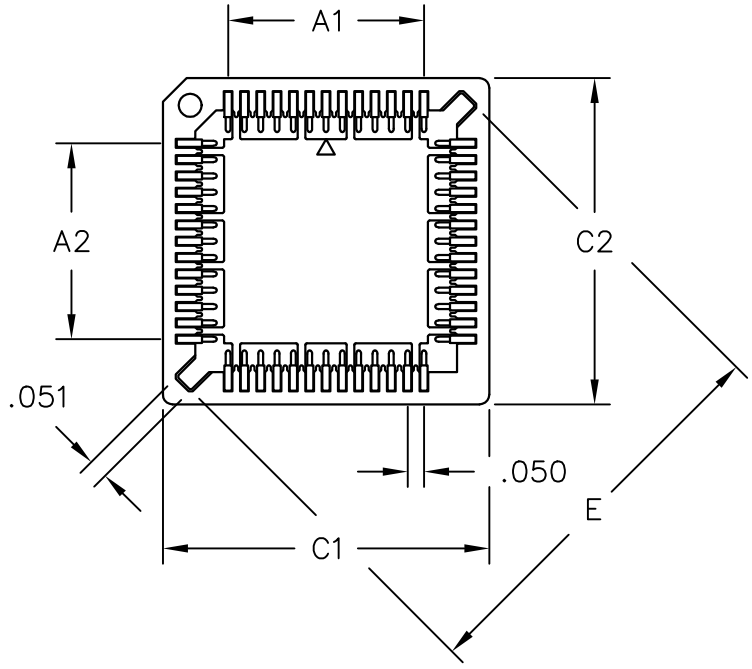
REV.	DATE	REV. DESCRIPTION

PRINTED CIRCUIT BOARD FOOTPRINT LAYOUT

(TOP VIEW)







ORDER AS:

540-99-084-17-400X0X

X = 0 TUBE PACKAGED
X = 4 TAPE AND REEL

X = 0 WITHOUT POLORIZING PEGS
X = 2 WITH POLORIZING PEGS

Pins	– A1 –	– A2 –	– C1 –	– C2 –	– E –	– H –	Qty. per Reel	Qty. per Tube	Tape Width mm
84	1.000	1.000	1.400	1.400	1.791	.180	14	200	56mm

- NOTES: End Stackable.
- Designed for JEDEC type MS-018 & MS-016 devices.
- Contact Material: Copper Alloy.
- Contact Finish: Tin/Lead over Nickel.
- Insulator Material: (Brown) PPS Ryton R-4 Rated UL 94 V-0.

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ALL DIMENSIONS IN INCHES

PIN TOLERANCES BEFORE PLATING	INSULATOR TOLERANCES
LENGTHS: ±.005 DIAMETERS: ±.002 ANGLES: ±2°	LENGTHS: ±.005 THICKNESS: ±.003 HOLE TO HOLE: ±.001 NON ACCUMULATIVE

DATE	DRAWN	ENG. APPROVAL	SHEET NUMBER
10/08/02	D.M.		7 of 7

TITLE: 84 PIN SMT PLCC PIN-OUT

CUSTOMER APPROVAL	DRAWING NUMBER	REV
	540SERIESSMT	–