

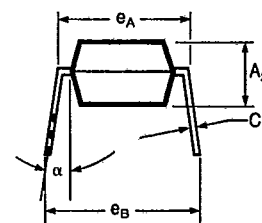
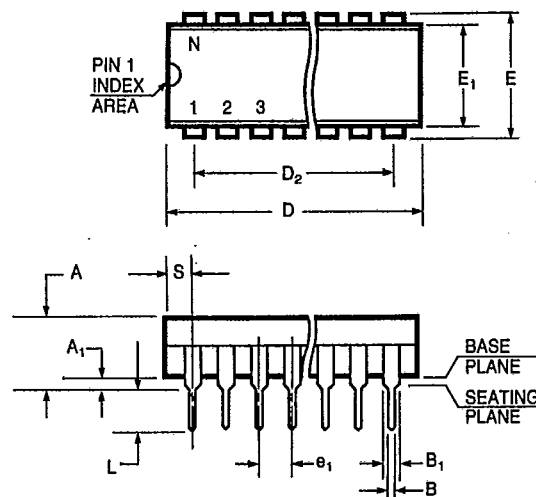
CONSUMER

PRODUCT	DESCRIPTION	SPEED	PKG. TYPE	AVAILABILITY
MX40993	Pulse Dialer		18 Pin Dip	Now
MX8002	Key Finder		8 Pin Dip COB (Chip-On-Board)	Now
MX8003M	Voice Record and Playback		40 Pin Dip 44 Pin PLCC COB (Chip-On-Board)	Now
MX8012	Hi Performance Voice IC		44 Pin PLCC COB	Now
MX8013	Cordless Phone I IC	Handset	20 Pin Dip	Now
MX8014	Cordless Phone II IC	Base	16 Pin Dip	Now

TELECOM BOARD LEVEL PRODUCTS

PRODUCT	DESCRIPTION	REMARKS	AVAILABILITY
MAX FAX 9624	FAX Modem Half Card for PC/XT/AT	9600 BAUD FAX 2400 BAUD MODEM	Now
MAX COMM 4824	Modem Half Card with Send Only FAX Capability for PC/XT/AT	2400 BAUD MODEM 4800 BAUD FAX	Now
UMAX	Scanner	Half Tone, Flat Bed	Now
MAX POWER	Smart Power Strip	PC Auto Wake-up for Incoming FAX or Data Calls	Now
MX5001-L	Low Profile DAA Module	FCC #FV24PW-16428-WP-E	Now
MX5001	DAA Module for Modems	FCC #FV24PW-16428-WP-E	Now





PLASTIC DUAL-IN-LINE PACKAGES (PDIP)

16, 18, 20, 24, 28 LEAD 300 MIL WIDE AND 24, 28, 32, 40 LEAD 600 MIL WIDE

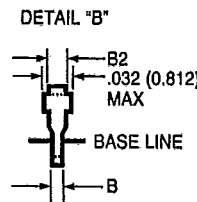
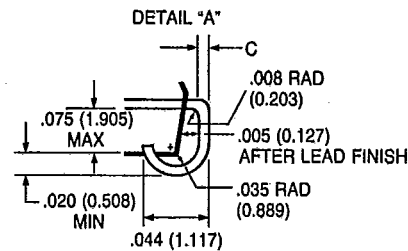
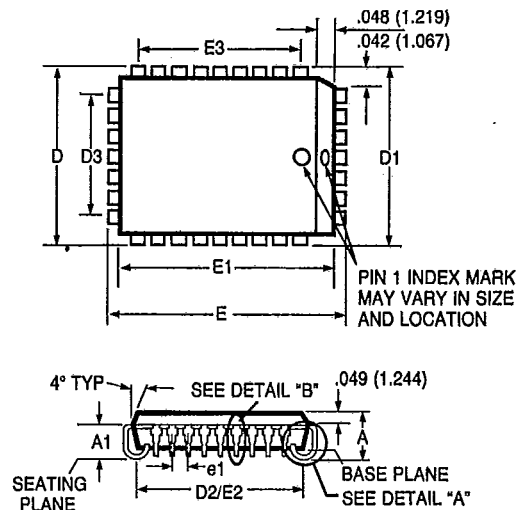
LEADS WIDTH	24 .300	24 .500	28 .300	28 .600	32 .600	40 .600
SYMBOL	MIN	MAX	MIN	MAX	MIN	MAX
A	.150 (3.81)	.200 (5.08)	.150 (3.81)	.200 (5.08)	.150 (3.81)	.200 (5.08)
A1	.015 (.381)	.070 (1.78)	.015 (.381)	.070 (1.78)	.015 (.381)	.070 (1.78)
A2	.125 (3.18)	.155 (3.94)	.135 (3.43)	.165 (4.19)	.135 (3.43)	.165 (4.19)
B	.015 (.381)	.023 (.584)	.015 (.381)	.023 (.584)	.015 (.381)	.023 (.584)
B1	.060 (1.52)	TYP	.060 (1.52)	TYP	.050 (1.27)	TYP
C	.008 (.203)	.015 (.381)	.008 (.203)	.015 (.381)	.008 (.203)	.015 (.381)
D	1.230 (31.24)	1.270 (32.26)	1.230 (31.24)	1.280 (32.51)	1.345 (34.16)	1.355 (34.42)
D2	1.100 (27.94)	TYP	1.100 (27.94)	TYP	1.300 (33.02)	TYP
E	.300 (7.62)	.320 (8.13)	.600 (15.24)	.620 (15.75)	.300 (7.62)	.325 (8.26)
E1 (4)	.240 (6.10)	.280 (7.11)	.520 (13.21)	.560 (14.22)	.270 (6.86)	.290 (7.37)
e1 (3)	.100 (2.54)	TYP	.100 (2.54)	TYP	.100 (2.54)	TYP
eA(3)	.300 (7.62)	TYP	.600 (15.24)	TYP	.300 (7.62)	TYP
eB (3)	.350 (8.89)	TYP	.650 (16.51)	TYP	.350 (8.89)	TYP
L	.120 (3.05)	.140 (3.56)	.120 (3.05)	.140 (3.56)	.120 (3.05)	.140 (3.56)
N	24	24	28	28	32	40
S	.040 (1.02)	.085 (2.16)	.040 (1.02)	.085 (2.16)	.020 (.508)	.030 (.762)
α (5)	0	15	0	15	0	15
Theta JA Cu: (6)		55	50	55	45	45
°C/Watt AL42: (6)		110	105	110	105	100

NOTES:

1. Refer to applicable symbol glossary.
2. All dimensions are in inches (mm).
3. e1, eA and eB apply for installing on a PC board.
4. D and E1 do not include mold flash.
5. α In degrees applies to spread of leads.



6. The Thermal Resistance, Theta JA, in °C/Watt, quoted above is for a 10,000 sq. mil die in still air and shown for both copper and alloy-42 frames. Values are approximate.
7. Lead frame material: alloy 42 or copper.
8. Lead finish: Matte tin or Sn/Pb solder.
9. Note: Call Manufacturer for dimensional information on 16, 18, 20, 48 and 64 lead packages.



PLASTIC LEADED CHIP CARRIERS (PLCC)

24, 32, 44, 68, AND 84 LEAD

LEADS 28 32 44 68 84

SYMBOL	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
A	.165 (4.19)	.180 (4.57)	.100 (2.54)	.140 (3.56)	.165 (4.19)	.180 (4.57)	.165 (4.19)	.200 (5.08)	.165 (4.19)	.200 (5.08)
A1	.090 (2.29)	.120 (3.05)	.060 (1.52)	.095 (2.41)	.090 (2.29)	.120 (3.05)	.090 (2.29)	.130 (3.30)	.090 (2.29)	.130 (3.30)
B	.013 (.330)	.021 (.533)	.013 (.330)	.021 (.533)	.013 (.330)	.021 (.533)	.013 (.330)	.021 (.533)	.013 (.330)	.021 (.533)
B2	.026 (.660)	.032 (.813)	.026 (.660)	.032 (.813)	.026 (.660)	.032 (.813)	.026 (.660)	.032 (.813)	.026 (.660)	.032 (.813)
C	.008 (.203)	.010 (.254)	.008 (.203)	.010 (.254)	.008 (.203)	.010 (.254)	.008 (.203)	.010 (.254)	.008 (.203)	.010 (.254)
D	.485 (12.32)	.495 (12.57)	.485 (12.32)	.495 (12.57)	.685 (17.40)	.695 (17.65)	.985 (25.02)	.995 (25.27)	1.185 (30.10)	1.195 (30.35)
D1	.450 (11.43)	.456 (11.58)	.447 (11.35)	.453 (11.51)	.650 (16.51)	.656 (16.66)	.950 (24.13)	.958 (24.33)	1.150 (29.21)	1.158 (29.41)
D2	.390 (9.91)	.430 (10.92)	.390 (9.91)	.430 (10.92)	.590 (14.99)	.630 (16.00)	.890 (22.61)	.930 (23.62)	1.090 (27.69)	1.130 (28.70)
D3	.300 (7.62)	REF	.300 (7.62)	REF	.500 (12.70)	REF	.800 (20.32)	REF	1.000 (25.40)	REF
E	.485 (12.32)	.495 (12.57)	.585 (14.86)	.595 (15.11)	.685 (17.40)	.695 (17.65)	.985 (25.02)	.995 (25.27)	1.185 (30.10)	1.195 (30.35)
E1	.450 (11.43)	.456 (11.58)	.547 (13.89)	.553 (14.05)	.650 (16.51)	.656 (16.66)	.950 (24.13)	.958 (24.33)	1.150 (29.21)	1.158 (29.41)
E2	.390 (9.91)	.430 (10.92)	.490 (12.45)	.530 (13.46)	.590 (14.99)	.630 (16.00)	.890 (22.61)	.930 (23.62)	1.090 (27.69)	1.130 (28.70)
E3	.300 (7.62)	REF	.400 (10.16)	REF	.500 (12.70)	REF	.800 (20.32)	REF	1.000 (25.40)	REF
e1	.050 (1.27)	TYP	.050 (1.27)	TYP	.050 (1.27)	TYP	.050 (1.27)	TYP	.050 (1.27)	TYP
N	28		32		44		68		84	
ND	7		7		11		17		21	
NE	7		9		11		17		21	
Theta JA (5) (°C/Watt)	45		45		45		45		45	

NOTES:

1. Refer to applicable symbol glossary.
2. All dimensions are in inches (mm).
3. Controlling dimension inch.
4. D1 and E1 do not include mold flash.



5. The Thermal Resistance, Theta JA, in °C/Watt, quoted above is for a 10,000 sq. mil die in still air with copper frame. Values are approximate.
6. Lead frame material: copper.
7. Lead finish: Matte tin or Sn/Pb solder dip.
8. Note: Call Manufacturer for dimensional information on 20, 52 and 84 lead packages.