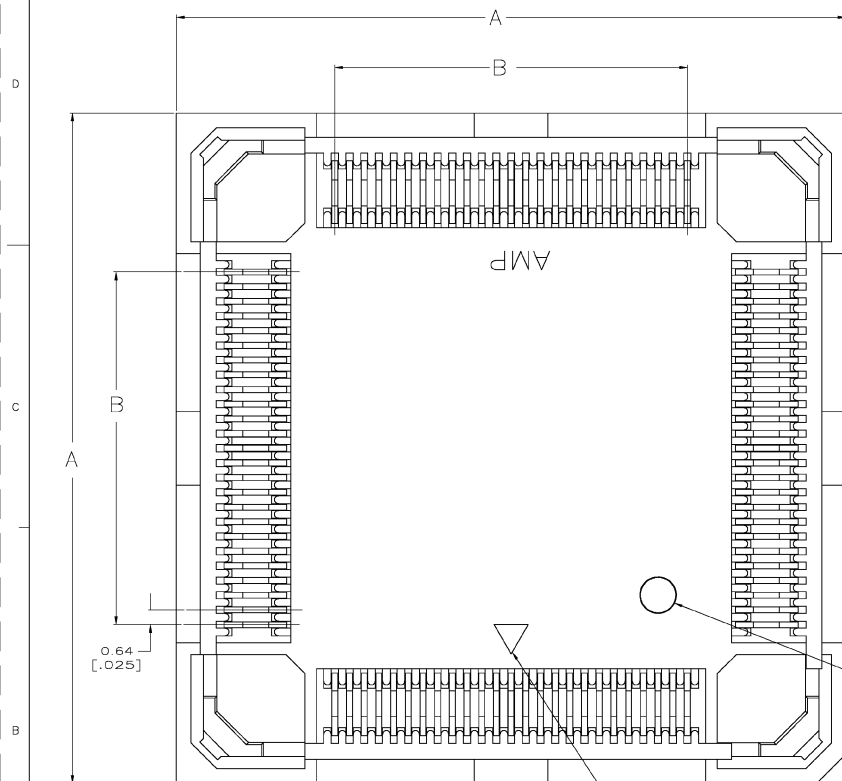
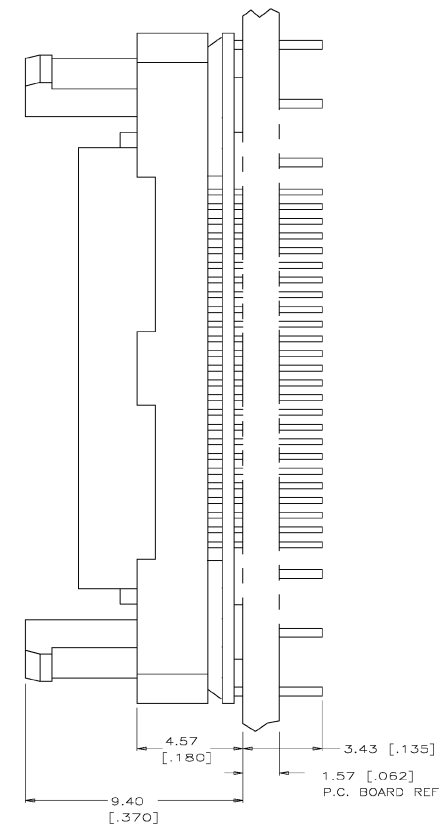
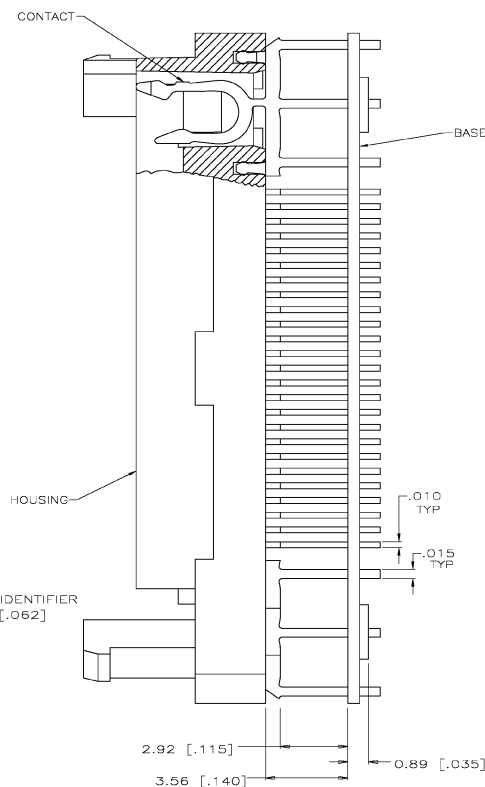


THIS DRAWING IS UNCLASSIFIED
BY 1103 ELECTRONICS CORPORATION
ON 03/01/2003

REV	REV	REVISIONS			
		DATE	BY	CHK	APP
AG	53	12 JUN 03	TK	KW	



SUB-ASSEMBLY SHOWN AS SHIPPED SUB-ASSEMBLY SHOWN IN FINAL POSITION



- △ HOUSING MATERIAL SHALL BE LIQUID CRYSTAL POLYMER. (BLACK)
- △ CONTACT MATERIAL SHALL BE PHOS. BRONZE. PLATING SHALL BE 0.00508 [0.00200] MIN. TIN LEAD OVER 0.00127 [0.00050] MIN. NICKEL ALL OVER.
- △ BASE MATERIAL SHALL BE LIQUID CRYSTAL POLYMER. (BLACK)
- △ SOCKET TO BE MOUNTED WITH AMP LOGO AND CHAMFER ON SOCKET LOCATED IN THIS CORNER OF P.C. BOARD.
- △ THIS AREA TO BE FREE OF COMPONENTS FOR ACCESS OF THE MICRO-PITCH HAND TOOL. MINIMUM OF TWO OPPOSITE SIDES.
- △ CONTACT MATERIAL SHALL BE PHOS. BRONZE. PLATING SHALL BE 0.00508 [0.00200] MIN. TIN (LEAD FREE) OVER 0.00127 [0.00050] MIN. NICKEL ALL OVER.
- △ PRELIMINARY NOT RELEASED FOR MANUFACTURING.

FINISH	B	A	PART NO.	NO. OF POSN
△	20.32 [.800]	34.04 [1.340]	2-821949-5	132
△	15.24 [.600]	28.96 [1.140]	△ 2-821949-4	100
△	20.32 [.800]	34.04 [1.340]	821949-5	132
△	15.24 [.600]	28.96 [1.140]	821949-4	100

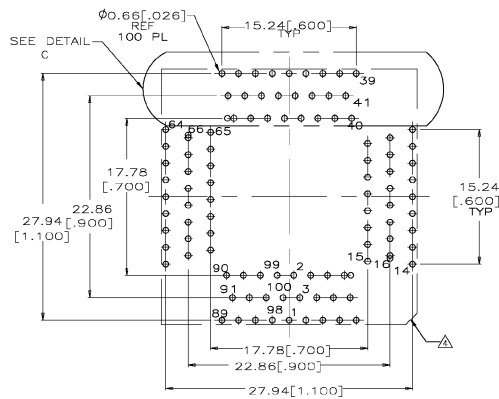
THIS DRAWING IS A CONTROLLED DOCUMENT.		REV	10-14-98	Type Electronics Corporation Harrisburg, Pa	
DESIGNED BY		REV	10-13-98	REV	
CHECKED BY		REV	10-13-98	REV	
DRAWN BY		REV	10-13-98	REV	
APPROVED BY		REV	10-13-98	REV	
MATERIAL		REV	10-13-98	REV	
FINISH		REV	10-13-98	REV	
CUSTOMER DRAWING		REV	10-13-98	REV	

MICRO-PITCH SOCKET
025 C/LPQPP GULLING,
HOUSING SUB-ASSEMBLY

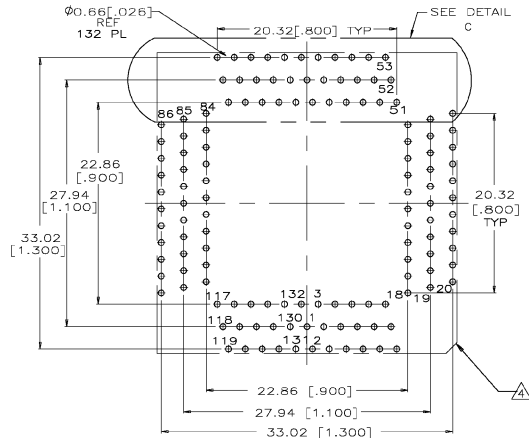
SIZE DATE CODE DRAWING NO. RESTRICTED TO

A1 00779 C=821949

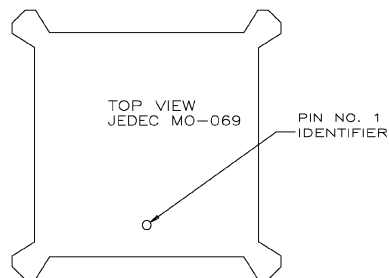
SCALE 10:1 SHEET 1 OF 3 REV M



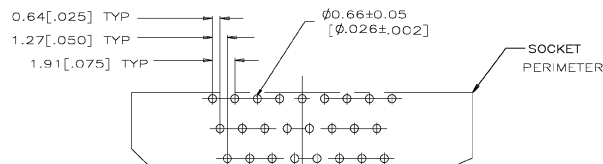
RECOMMENDED P.C. BOARD HOLE PATTERN
SOCKET SIDE
100 POSN.
SCALE: 4:1



RECOMMENDED P.C. BOARD HOLE PATTERN
SOCKET SIDE
132 POSN.
SCALE: 4:1

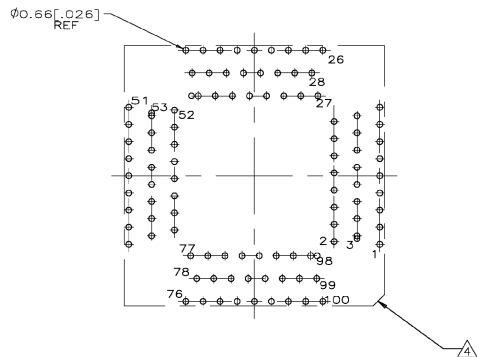


CHIP POLARIZATION REFERENCE VIEW
(PIN NUMBERING ON THIS SHEET ARE FOR
CENTER LOCATION OF PIN 1 IDENTIFIER)

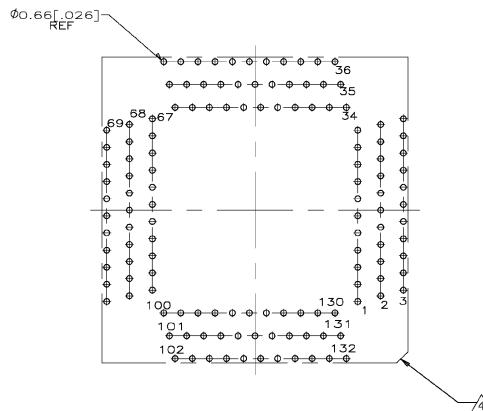


DETAIL C
(TYP FOR ALL POSITIONS)
SCALE 5:1

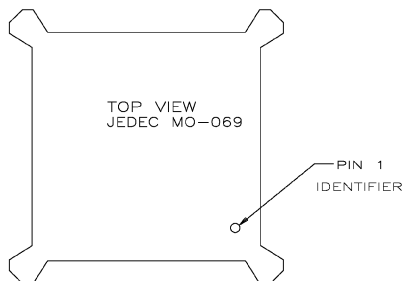
THIS DRAWING IS A CONTROLLED DOCUMENT.		DATE 10-4-91	TYCO Electronics Tyco Electronics Corporation Harrisburg, PA	
DESIGNED BY J. SALMON		DATE 10-10-91	DRAWN BY J. MILLER	
CHECKED BY J. MILLER		DATE 10-10-91	NAME J. BOYD	
TYPED BY J. BOYD		PRODUCT SPEC MICRO-PITCH SOCKET .025 C/LPQFP GULLWING HOUSING SUB-ASSEMBLY		
APPLICATION SPEC		SIZE A1	DATE CODE 00779	DRAWING NO. C-821949
MATERIAL		REMARKS	RESTRICTED TO	REV M
CUSTOMER DRAWING		SCALE 10:1	SHEET 2 OF 3	REV M



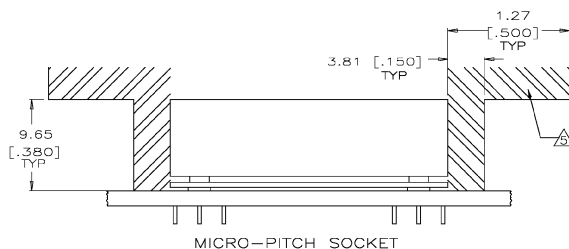
RECOMMENDED P.C. BOARD HOLE PATTERN
SOCKET SIDE
100 POSN.
SEE SHEET 2 100 POSN FOR DIMENSIONS



RECOMMENDED P.C. BOARD HOLE PATTERN
SOCKET SIDE
132 POSN.
SEE SHEET 2 132 POSN FOR DIMENSIONS



CHIP POLARIZATION REFERENCE VIEW
(PIN NUMBERING ON THIS SHEET IS FOR OFF
CENTER LOCATION OF PIN 1 IDENTIFIER)



MICRO-PITCH SOCKET

THIS DRAWING IS A CONTROLLED DOCUMENT.		DATE		SYNOPSIS		TYPE	
INCHES		MILLIMETERS		DESCRIPTION		REVISIONS	
0 INCHES		0 MILLIMETERS		10-4-90		10-4-90	
1 INCHES		25.4 MILLIMETERS		10-5-90		10-5-90	
2 INCHES		50.8 MILLIMETERS		10-6-90		10-6-90	
3 INCHES		76.2 MILLIMETERS		10-7-90		10-7-90	
4 INCHES		101.6 MILLIMETERS		10-8-90		10-8-90	
5 INCHES		127.0 MILLIMETERS		10-9-90		10-9-90	
6 INCHES		152.4 MILLIMETERS		10-10-90		10-10-90	
7 INCHES		177.8 MILLIMETERS		10-11-90		10-11-90	
8 INCHES		203.2 MILLIMETERS		10-12-90		10-12-90	
9 INCHES		228.6 MILLIMETERS		10-1-91		10-1-91	
10 INCHES		254.0 MILLIMETERS		10-2-91		10-2-91	
11 INCHES		279.4 MILLIMETERS		10-3-91		10-3-91	
12 INCHES		304.8 MILLIMETERS		10-4-91		10-4-91	
13 INCHES		330.2 MILLIMETERS		10-5-91		10-5-91	
14 INCHES		355.6 MILLIMETERS		10-6-91		10-6-91	
15 INCHES		381.0 MILLIMETERS		10-7-91		10-7-91	
16 INCHES		406.4 MILLIMETERS		10-8-91		10-8-91	
17 INCHES		431.8 MILLIMETERS		10-9-91		10-9-91	
18 INCHES		457.2 MILLIMETERS		10-10-91		10-10-91	
19 INCHES		482.6 MILLIMETERS		10-11-91		10-11-91	
20 INCHES		508.0 MILLIMETERS		10-12-91		10-12-91	
21 INCHES		533.4 MILLIMETERS		10-1-92		10-1-92	
22 INCHES		558.8 MILLIMETERS		10-2-92		10-2-92	
23 INCHES		584.2 MILLIMETERS		10-3-92		10-3-92	
24 INCHES		609.6 MILLIMETERS		10-4-92		10-4-92	
25 INCHES		635.0 MILLIMETERS		10-5-92		10-5-92	
26 INCHES		660.4 MILLIMETERS		10-6-92		10-6-92	
27 INCHES		685.8 MILLIMETERS		10-7-92		10-7-92	
28 INCHES		711.2 MILLIMETERS		10-8-92		10-8-92	
29 INCHES		736.6 MILLIMETERS		10-9-92		10-9-92	
30 INCHES		762.0 MILLIMETERS		10-10-92		10-10-92	
31 INCHES		787.4 MILLIMETERS		10-11-92		10-11-92	
32 INCHES		812.8 MILLIMETERS		10-12-92		10-12-92	
33 INCHES		838.2 MILLIMETERS		10-1-93		10-1-93	
34 INCHES		863.6 MILLIMETERS		10-2-93		10-2-93	
35 INCHES		889.0 MILLIMETERS		10-3-93		10-3-93	
36 INCHES		914.4 MILLIMETERS		10-4-93		10-4-93	
37 INCHES		939.8 MILLIMETERS		10-5-93		10-5-93	
38 INCHES		965.2 MILLIMETERS		10-6-93		10-6-93	
39 INCHES		990.6 MILLIMETERS		10-7-93		10-7-93	
40 INCHES		1016.0 MILLIMETERS		10-8-93		10-8-93	
41 INCHES		1041.4 MILLIMETERS		10-9-93		10-9-93	
42 INCHES		1066.8 MILLIMETERS		10-10-93		10-10-93	
43 INCHES		1092.2 MILLIMETERS		10-11-93		10-11-93	
44 INCHES		1117.6 MILLIMETERS		10-12-93		10-12-93	
45 INCHES		1143.0 MILLIMETERS		10-1-94		10-1-94	
46 INCHES		1168.4 MILLIMETERS		10-2-94		10-2-94	
47 INCHES		1193.8 MILLIMETERS		10-3-94		10-3-94	
48 INCHES		1219.2 MILLIMETERS		10-4-94		10-4-94	
49 INCHES		1244.6 MILLIMETERS		10-5-94		10-5-94	
50 INCHES		1270.0 MILLIMETERS		10-6-94		10-6-94	
51 INCHES		1295.4 MILLIMETERS		10-7-94		10-7-94	
52 INCHES		1320.8 MILLIMETERS		10-8-94		10-8-94	
53 INCHES		1346.2 MILLIMETERS		10-9-94		10-9-94	
54 INCHES		1371.6 MILLIMETERS		10-10-94		10-10-94	
55 INCHES		1397.0 MILLIMETERS		10-11-94		10-11-94	
56 INCHES		1422.4 MILLIMETERS		10-12-94		10-12-94	
57 INCHES		1447.8 MILLIMETERS		10-1-95		10-1-95	
58 INCHES		1473.2 MILLIMETERS		10-2-95		10-2-95	
59 INCHES		1498.6 MILLIMETERS		10-3-95		10-3-95	
60 INCHES		1524.0 MILLIMETERS		10-4-95		10-4-95	
61 INCHES		1549.4 MILLIMETERS		10-5-95		10-5-95	
62 INCHES		1574.8 MILLIMETERS		10-6-95		10-6-95	
63 INCHES		1600.2 MILLIMETERS		10-7-95		10-7-95	
64 INCHES		1625.6 MILLIMETERS		10-8-95		10-8-95	
65 INCHES		1651.0 MILLIMETERS		10-9-95		10-9-95	
66 INCHES		1676.4 MILLIMETERS		10-10-95		10-10-95	
67 INCHES		1701.8 MILLIMETERS		10-11-95		10-11-95	
68 INCHES		1727.2 MILLIMETERS		10-12-95		10-12-95	
69 INCHES		1752.6 MILLIMETERS		10-1-96		10-1-96	
70 INCHES		1778.0 MILLIMETERS		10-2-96		10-2-96	
71 INCHES		1803.4 MILLIMETERS		10-3-96		10-3-96	
72 INCHES		1828.8 MILLIMETERS		10-4-96		10-4-96	
73 INCHES		1854.2 MILLIMETERS		10-5-96		10-5-96	
74 INCHES		1879.6 MILLIMETERS		10-6-96		10-6-96	
75 INCHES		1905.0 MILLIMETERS		10-7-96		10-7-96	
76 INCHES		1930.4 MILLIMETERS		10-8-96		10-8-96	
77 INCHES		1955.8 MILLIMETERS		10-9-96		10-9-96	
78 INCHES		1981.2 MILLIMETERS		10-10-96		10-10-96	
79 INCHES		2006.6 MILLIMETERS		10-11-96		10-11-96	
80 INCHES		2032.0 MILLIMETERS		10-12-96		10-12-96	
81 INCHES		2057.4 MILLIMETERS		10-1-97		10-1-97	
82 INCHES		2082.8 MILLIMETERS		10-2-97		10-2-97	
83 INCHES		2108.2 MILLIMETERS		10-3-97		10-3-97	
84 INCHES		2133.6 MILLIMETERS		10-4-97		10-4-97	
85 INCHES		2159.0 MILLIMETERS		10-5-97		10-5-97	
86 INCHES		2184.4 MILLIMETERS		10-6-97		10-6-97	
87 INCHES		2209.8 MILLIMETERS		10-7-97		10-7-97	
88 INCHES		2235.2 MILLIMETERS		10-8-97		10-8-97	
89 INCHES		2260.6 MILLIMETERS		10-9-97		10-9-97	
90 INCHES		2286.0 MILLIMETERS		10-10-97		10-10-97	
91 INCHES		2311.4 MILLIMETERS		10-11-97		10-11-97	
92 INCHES		2336.8 MILLIMETERS		10-12-97		10-12-97	
93 INCHES		2362.2 MILLIMETERS		10-1-98		10-1-98	
94 INCHES		2387.6 MILLIMETERS		10-2-98		10-2-98	
95 INCHES		2413.0 MILLIMETERS		10-3-98		10-3-98	
96 INCHES		2438.4 MILLIMETERS		10-4-98		10-4-98	
97 INCHES		2463.8 MILLIMETERS		10-5-98		10-5-98	
98 INCHES		2489.2 MILLIMETERS		10-6-98		10-6-98	
99 INCHES		2514.6 MILLIMETERS		10-7-98		10-7-98	
100 INCHES		2540.0 MILLIMETERS		10-8-98		10-8-98	
101 INCHES		2565.4 MILLIMETERS		10-9-98		10-9-98	
102 INCHES		2590.8 MILLIMETERS		10-10-98		10-10-98	
103 INCHES		2616.2 MILLIMETERS		10-11-98		10-11-98	
104 INCHES		2641.6 MILLIMETERS		10-12-98		10-12-98	
105 INCHES		2667.0 MILLIMETERS		10-1-99		10-1-99	
106 INCHES		2692.4 MILLIMETERS		10-2-99		10-2-99	
107 INCHES		2717.8 MILLIMETERS		10-3-99		10-3-99	
108 INCHES		2743.2 MILLIMETERS		10-4-99		10-4-99	
109 INCHES		2768.6 MILLIMETERS		10-5-99		10-5-99	
110 INCHES		2794.0 MILLIMETERS		10-6-99		10-6-99	
111 INCHES		2819.4 MILLIMETERS		10-7-99		10-7-99	
112 INCHES		2844.8 MILLIMETERS		10-8-99		10-8-99	
113 INCHES		2870.2 MILLIMETERS		10-9-99		10-9-99	
114 INCHES		2895.6 MILLIMETERS		10-10-99		10-10-99	
115 INCHES		2921.0 MILLIMETERS		10-11-99		10-11-99	
116 INCHES		2946.4 MILLIMETERS		10-12-99		10-12-99	
117 INCHES		2971.8 MILLIMETERS		10-1-00		10-1-00	
118 INCHES		2997.2 MILLIMETERS		10-2-00		10-2-00	
119 INCHES		3022.6 MILLIMETERS		10-3-00		10-3-00	
120 INCHES		3048.0 MILLIMETERS		10-4-00		10-4-00	
121 INCHES		3073.4 MILLIMETERS		10-5-00		10-5-00	
122 INCHES		3098.8 MILLIMETERS		10-6-00		10-6-00	
123 INCHES		3124.2 MILLIMETERS		10-7-00		10-7-00	
124 INCHES		3149.6 MILLIMETERS		10-8-00		10-8-00	
125 INCHES		3175.0 MILLIMETERS		10-9-00		10-9-00	
126 INCHES		3200.4 MILLIMETERS		10-10-00		10-10-00	
127 INCHES		3225.8 MILLIMETERS		10-11-00		10-11-00	
128 INCHES		3251.2 MILLIMETERS		10-12-00		10-12-00	
129 INCHES		3276.6 MILLIMETERS		10-1-01		10-1-01	
130 INCHES		3302.0 MILLIMETERS		10-2-01		10-2-01	
131 INCHES		3327.4 MILLIMETERS		10-3-01		10-3-01	
132 INCHES		3352.8 MILLIMETERS		10-4-01		10-4-01	
133 INCHES		3378.2 MILLIMETERS		10-5-01		10-5-01	
134 INCHES		3403.6 MILLIMETERS		10-6-01		10-6-01	
135 INCHES		3429.0 MILLIMETERS		10-7-01		10-7-01	
136 INCHES		3454.4 MILLIMETERS		10-8-01		10-8-01	
137 INCHES		3479.8 MILLIMETERS		10-9-01		10-9-01	
138 INCHES		3505.2 MILLIMETERS		10-10-01		10-10-01	
139 INCHES		3530.6 MILLIMETERS		10-11-01		10-11-01	
140 INCHES		3556.0 MILLIMETERS		10-12-01		10-12-01	
141 INCHES		3581.4 MILLIMETERS		10-1-02		10-1-02	
142 INCHES		3606.8 MILLIMETERS		10-2-02		10-2-02	
143 INCHES		3632.2 MILLIMETERS		10-3-02		10-3-02	
144 INCHES		3657.6 MILLIMETERS		10-4-02		10-4-02	
145 INCHES		3683.0 MILLIMETERS		10-5-02		10-5-02	
146 INCHES		3708.4 MILLIMETERS		10-6-02		10-6-02	
147 INCHES		3733.8 MILLIMETERS		10-7-02		10-7-02	
148 INCHES		3759.2 MILLIMETERS		10-8-02		10-8-02	
149 INCHES		3784.6 MILLIMETERS		10-9-02		10-9-02	
150 INCHES		3810.0 MILLIMETERS		10-10-02		10-10-02	
151 INCHES		3835.4 MILLIMETERS		10-11-02		10-11-02	
152 INCHES		3860.8 MILLIMETERS		10-12-02		10-12-02	
153 INCHES		3886.2 MILLIMETERS		10-1-03		10-1-03	
154 INCHES		3911.6 MILLIMETERS		10-2-03		10-2-03	
155 INCHES		3937.0 MILLIMETERS		10-3-03		10-3-03	
156 INCHES		3962.4 MILLIMETERS		10-4-03		10-4-03	
157 INCHES		3987.8 MILLIMETERS		10-5-03		10-5-03	
158 INCHES		4013.2 MILLIMETERS		10-6-03		10-6-03	
159 INCHES		4038.6 MILLIMETERS		10-7-03		10-7-03	
160 INCHES		4064.0 MILLIMETERS		10-8-03		10-8-03	
161 INCHES		4089.4 MILLIMETERS		10-9-03		10-9-03	
162 INCHES		4114.8 MILLIMETERS		10-10-03		10-10-03	
163 INCHES		4140.2 MILLIMETERS		10-11-03		10-11-03	
164 INCHES		4165.6 MILLIMETERS		10-12-03		10-12-03	
165 INCHES		4191.0 MILLIMETERS		10-1-04		10-1-04	
166 INCHES		4216.4 MILLIMETERS		10-2-04		10-2-04	
167 INCHES		4241.8 MILLIMETERS		10-3-04		10-3-04	
168 INCHES		4267.2 MILLIMETERS		10-4-04		10-4-04	
169 INCHES		4292.6 MILLIMETERS		10-5-04		10-5-04	
170 INCHES		4318.0 MILLIMETERS		10-6-04		10-6-04	
171 INCHES		4343.4 MILLIMETERS		10-7-04		10-7-04	
172 INCHES		4368.8 MILLIMETERS		10-8-04		10-8-04	
173 INCHES		4394.2 MILLIMETERS		10-9-04		10-9-04	
174 INCHES		4419.6 MILLIMETERS		10-10-04		10-10-04	
175 INCHES		4445.0 MILLIMETERS		10-11-04		10-11-04	