

**INSTRUMENT SPECIALTIES CO., INC. – WORLD COMPLIANCE CENTER
EMC MEASUREMENT/TECHNICAL REPORT**

FCC PART 15 Certification Submittal and
Grant of Equipment Authorization Submittal
For: Martec Access Products, Inc.
FCC ID Number: KJ802-3039

Document No.

Revision

Issue Date

112384-A-FCC

0

1 May 2000

EXHIBIT 4 – SCHEMATICS

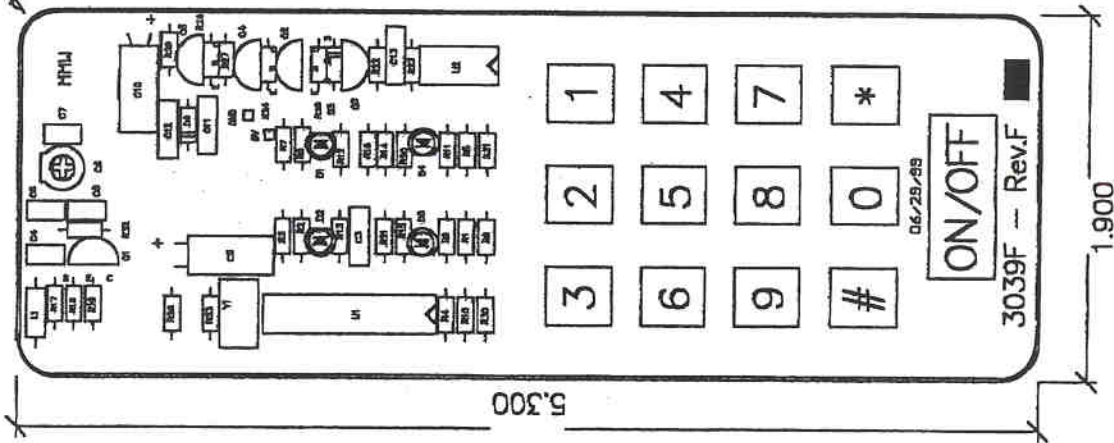
Schematics

Top Overlay

Top layer

Bottom Layer - Drill drawing for through hole

0.20"R
4 PLC



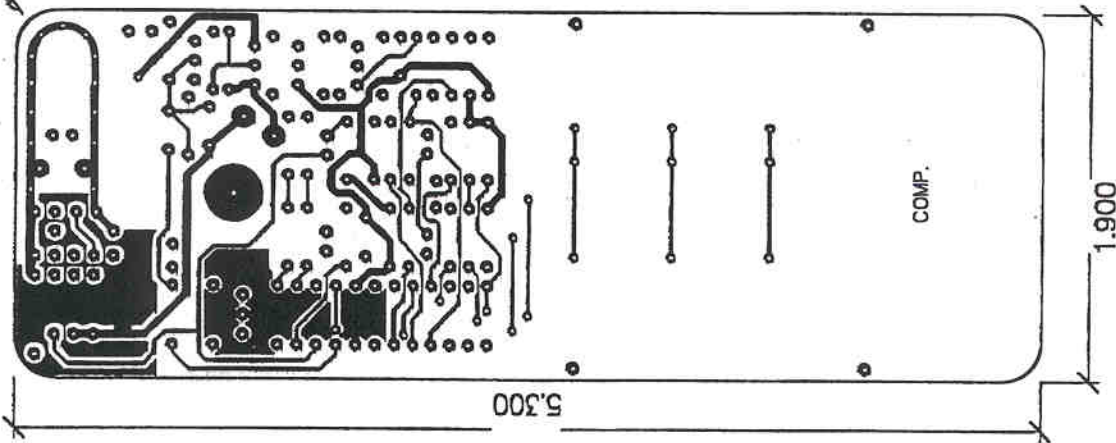
SCALE: 1.00

Top Overlay

MARTEC ACCESS PRODUCTS, INC.
20 Sheffield St. Mountainside, NJ. 07092
Ph: /908/233-0691 Fax: /908/233-2227

Title KUT - KEYPAD 303 MHz - updated antenna		Rev.	F
Size A	Number 38 - 3039F	Drawn by	MHL
Date 15-Dec-1999	Filename 3039F.PCB	Sheet 1	of 1

0.20"R
4 PLC



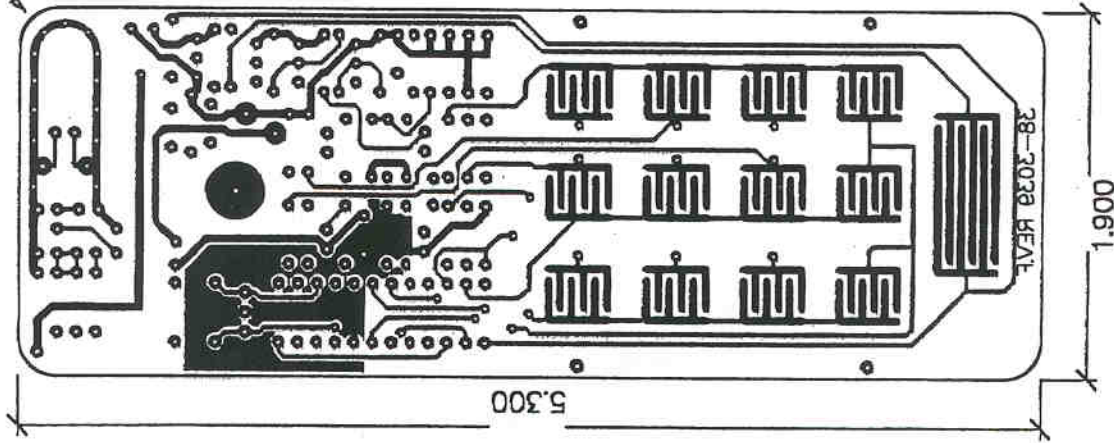
SCALE: 1.00

Top Layer

MARTEC ACCESS PRODUCTS, INC.
20 Sheffield St. Mountaintop, NJ. 07092
Ph: /908/233-0691 Fax: /908/233-2227

Title		KWT - KEYPAD 303 MHz - updated antenna	
Size	Number	Rev.	
A	38 - 3039F	F	
Date	15-Dec-1999	Drawn by	MHL
Filename	3039F.PCB	Sheet	1 of 1

0.20"R
4 PL

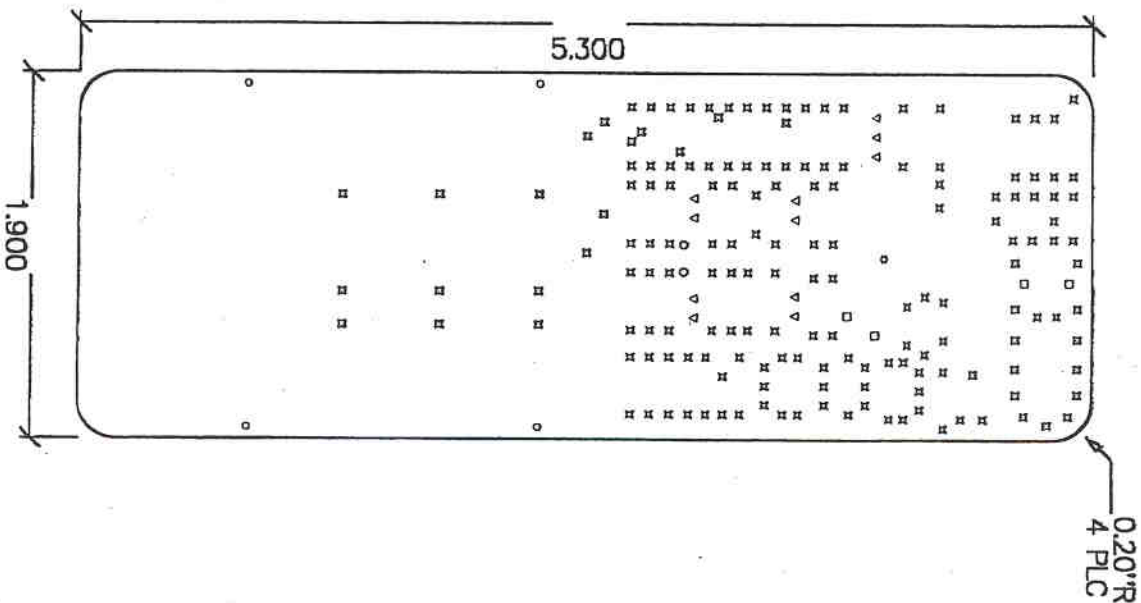


SCALE: 1.00

Bottom Layer

MARTEC ACCESS PRODUCTS, INC.
20 Sheffield St. Mountainside, NJ. 07092
Ph: 908/233-0691 Fax: 908/233-2227

Title KUT - KEYPAD 303 MHz - updated antenna		Rev.	F
Size A	Number 38 - 3039F		
Date 15-Dec-1999	Drawn by HFLW		
Filename 3039F.PCB	Sheet 1	of 1	



1	300mil	7.62mm	PTH
4	70mil	1.778mm	PTH
2	65mil	1.651mm	PTH
4	50mil	1.27mm	PTH
11	35mil	0.890mm	PTH
133	30mil	0.762mm	PTH
33	20mil	0.508mm	PTH
188	Total		

SCALE: 1.00

Drill Drawing for Through Hole

MARTEC ACCESS PRODUCTS, INC. 20 Sheffield St. Mountalnside, NJ. 07092 Pnt /908/233-0691 Fax: /908/233-2227			
Title KAT - KEYPAD 303 MHz - updated antenna			
Size	Number	Rev.	
A	38 - 3039F	F	
Date	15-Dec-1999	Drawn by	THH
Filename	3039F.PCB	Sheet	1 of 1