

Specifications of Oxygen Sensor Module

V-8097

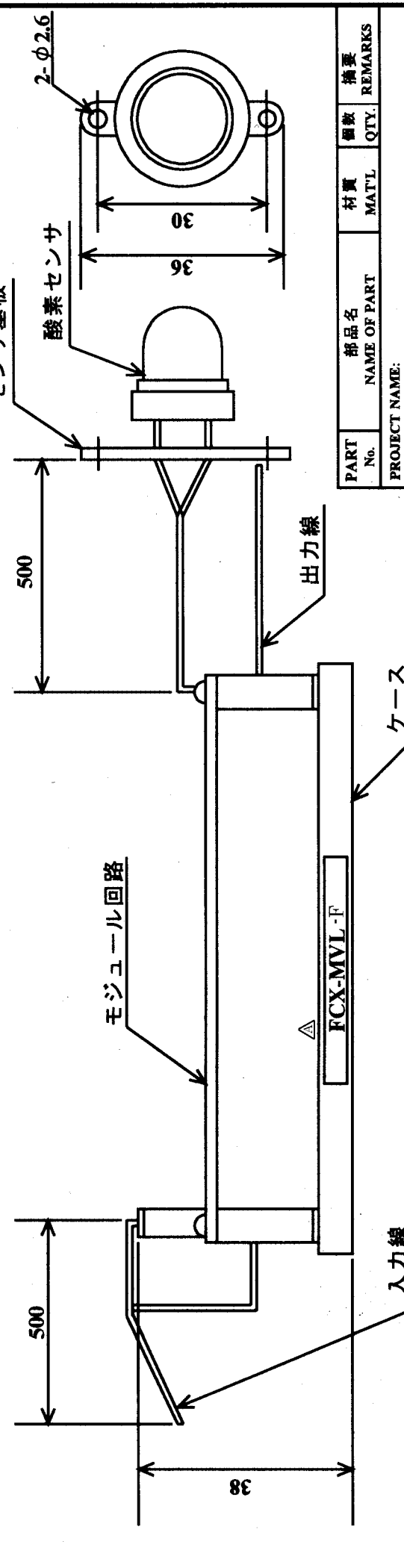
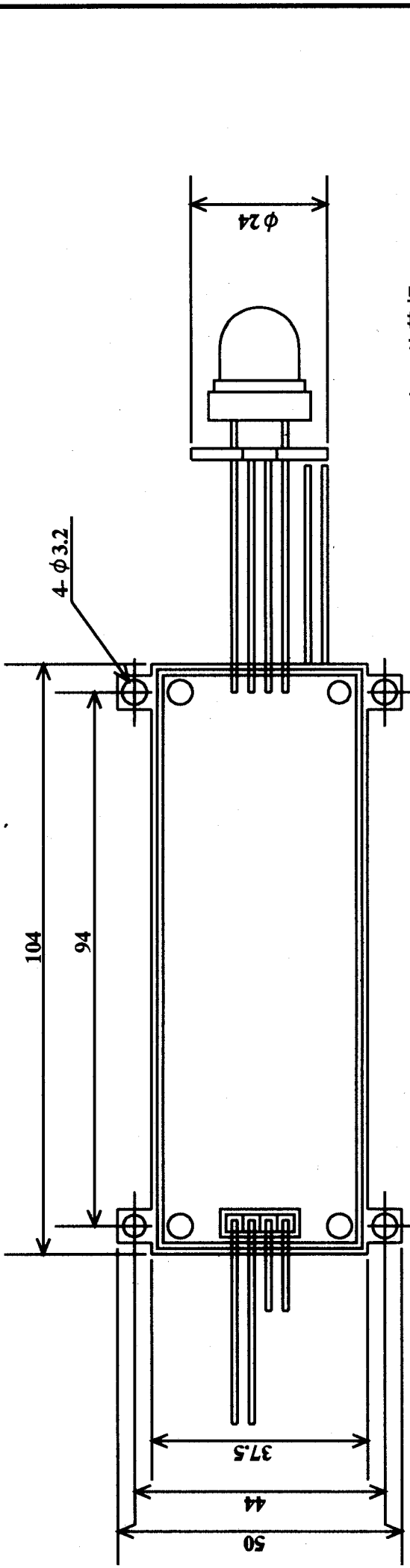
1. General:

This document describes about the specification of Ceramic Oxygen Sensor module, FUJIKURA's FCX-MVL-F-(AC).

Table shown below is revision records of this specification

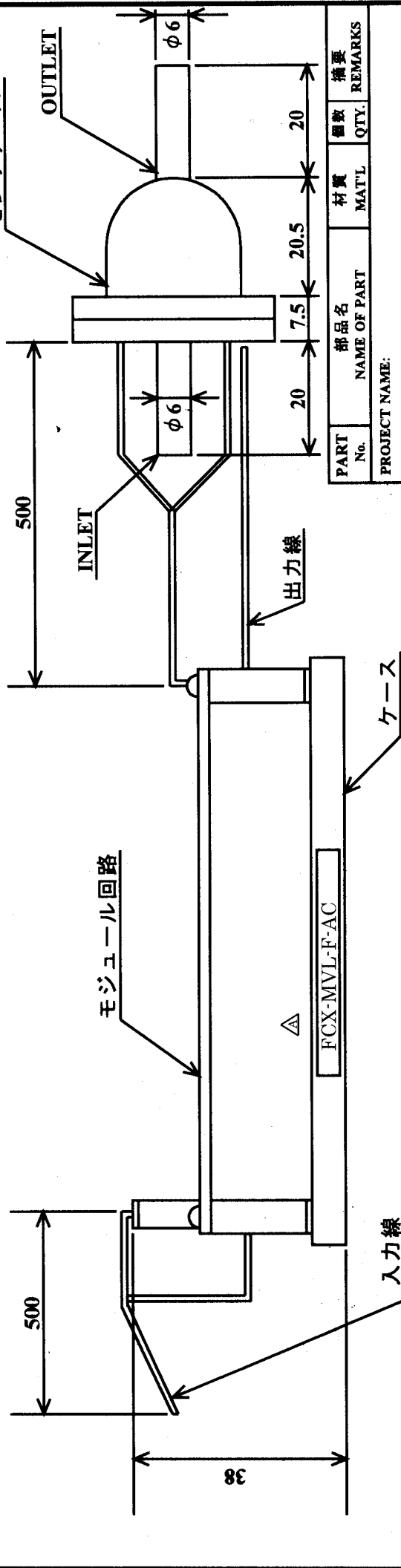
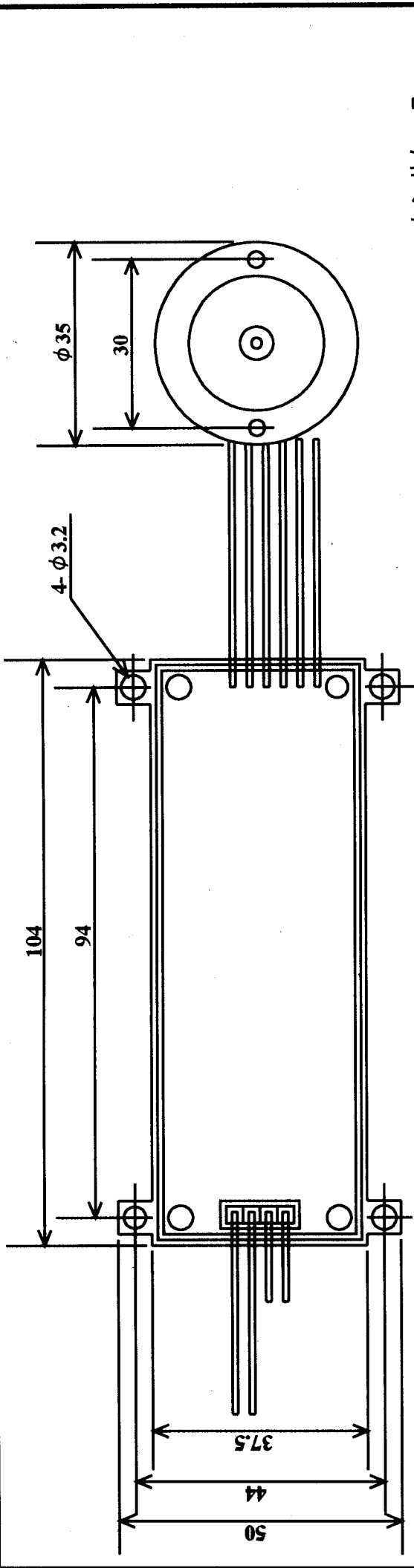
V				
IV				
III				
II				
I	9-20-2006	H. Nishida	Change to RoHS compliance model	(A)
Est.	2-06-2006	J. Kato		
	Date	Name	Comments	Remark

<u>Model</u>	<u>FCX-MVL-F / FCX-MVL-F-AC</u> (A)
1. Measuring Gas	Oxygen
2. Measurement Method	Limiting current method using Zirconia Solid-Electrolyte
3. Measurement Range	0.1 to 25 %O ₂
4. Sampling Method	gas diffusion
5. Accuracy	within $\pm 1\%$ FS
6. Response Time	within 30 sec. (90% value)
7. Warming-up Time	about 5 min.
8. External Output	Analog output 1 to 250mV (10mV/%O ₂)
9. Power Source	DC 5 \pm 0.2V
10. Power Consumption	about 4.0 watts
11. Operating Temperature	-10 to 50 degree C (module environment)
12. Operating Humidity	0 to 85%R.H. (without vapor condensation)
13. Dimensions	Outline diagram : cf. Drawing No. 9-761-006, 019
14. Life Time	Approx. 3 years
15. Guaranty Time	Within one year after shipment



入力線
 Rd 赤 : 入力電圧 +DC 5V
 Bl 黒 : 入力電圧 GND
出力線
 Bl 黒 : 出力電圧 GND
 Pi 桃 : 出力電圧 Vout

△	RoHS compliance model FCX-MVL-F	9-20-06	H.N	株式会社フジクラ Fujikura Ltd. Tokyo Japan	
	変更 REVISIONS	年月日 DATE	変更者 BY		
承認 APPROVED BY		校図 CHECKED BY		承認 APPROVED BY	
H. KOSUGI		A. ASADA		A. ASADA	
設計 DESIGNED BY		製図 DRAWN BY		製図 DRAWN BY	
K. ISHIBASHI		A. ASADA		A. ASADA	
名称 TITLE			REV. MARK		
FCX-MVL-F 外觀図			◇		
FCX-MVL-F			図面番号 DRAWING NO.		
			9-761-006		
第3角法 3RD ANGLE PROJECTION		DATE OF ISSUE		DATE OF DESIGN	
単位 UNITS mm		2000.02.22		1995.04.12	
尺 IN SCALE		FREE			
PART No.	部品名 NAME OF PART	材質 MAT'L	個数 QTY.	摘要 REMARKS	
	PROJECT NAME:				



入力線
 赤 : 入力電圧 +DC 5V
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出力線
 黒 : 出力電圧 GND
 桃 : 出力電圧 Vout

第3角法 3RD ANGLE PROJECTION	単位UNITS mm	R/S SCALE FREE	DATE OF ISSUE 2000.03.07	DATE OF DESIGN 1995.04.12	REV. MARK ◇
PROJECT NAME: 名称TITLE FCX-MVL-AC外觀図 FCX-MVL-F-AC					
PART No.	部品名 NAME OF PART	材質 MAT'L	個数 QTY.	摘要 REMARKS	

承認 APPROVED BY H. KOSUGI	検図 CHECKED BY A. ASADA
設計 DESIGNED BY K. ISHIBASHI	製図 DRAWN BY A. ASADA

株式会社フジクラ
Fujikura Ltd.
 Tokyo Japan

RoHS compliance model FCX-MVL-F-AC	H. N
9-20-06	変更者 BY
年月日 DATE	
変更 REVISIONS	

△ MARK