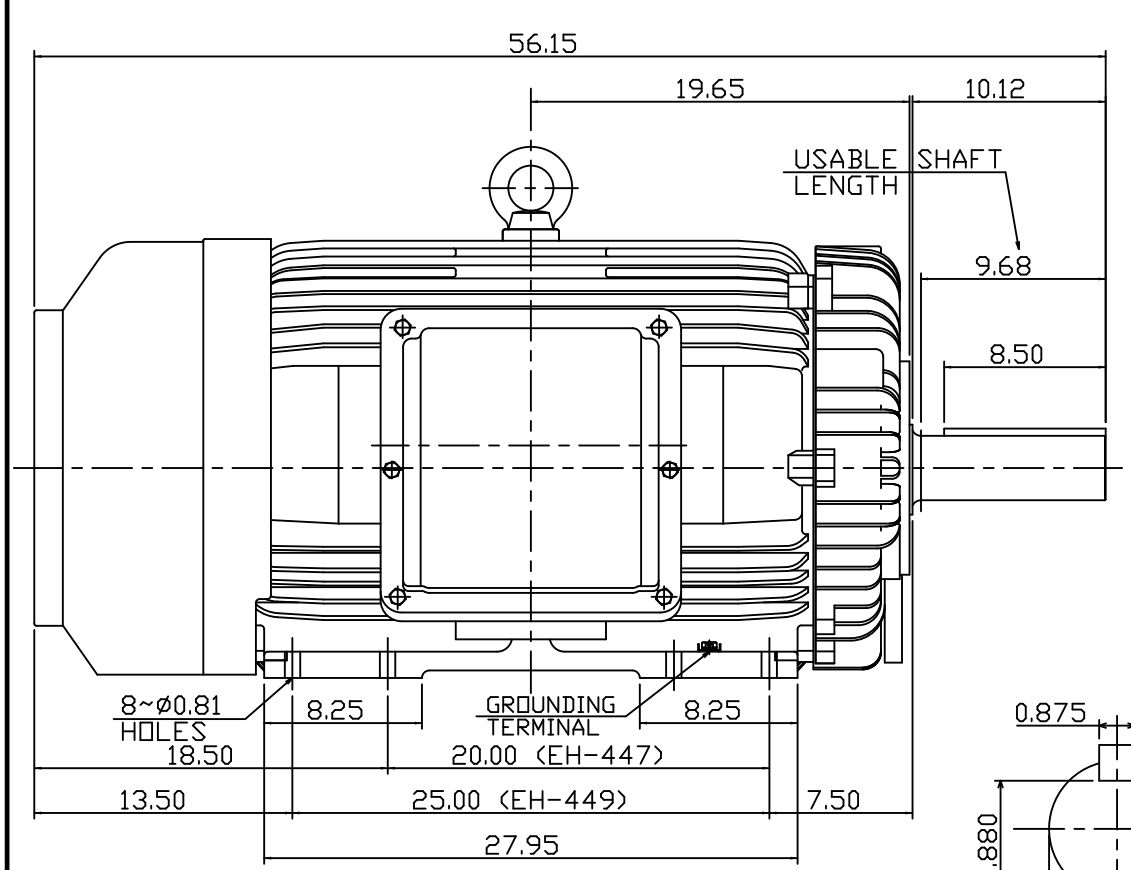
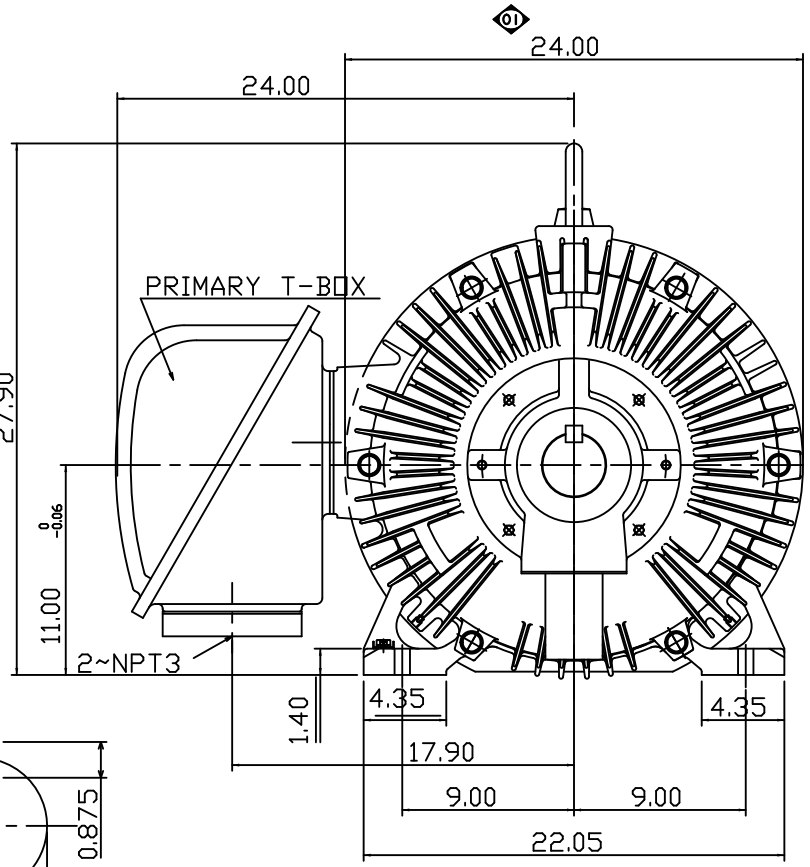
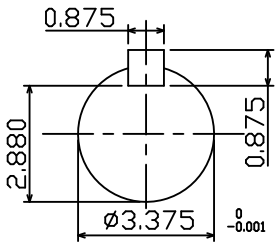
POLE	HP	kW	Hz	VOLT	r/min(RPM)	INS	RATING	DIMENSION IN	APPROX WEIGHT	BEARINGS
4	300	224	60	460	1800	F	CONT.	INCH	2865 LBS.	DE: NU320 NDE: 6316







NOTE:
1. DIMENSIONS IN INCHES
2. FRAME NO. 449TZ
3. F CLASS INSULATION, S.F.1.15
4. FOR BELT SERVICE
5. ENCLOSURE: IP55
6. WITH THERMISTOR: PTC 140°C 3PCS
7. SHAFT MATERIAL: SCM440 Q&T (AISI 4140 EQUIV)
8. CORROSION PROOF

OUTLINE DIMENSIONS
3-PHASE INDUCTION MOTOR

MOTOR TYPE	AEHHGD	FRAME NO.	449TZ
CATALOG NO.	CDP3004TR	DATE	02-01-2018

DWG.	C.COOK	02-01-18

TECO Westinghouse

DWG NO.
31057G020271

ISSUED	PERFORMANCE DATA	MODEL
1-Apr-16	3-PHASE SQUIRREL CAGE	AEHHGD
REVISED	HIGH EFFICIENCY INDUCTION MOTORS	
13-Feb-17		

NEMA Premium

CC002A

TEFC, NEMA T-FRAME, DESIGN - A, CLASS F, 40℃ AMBIENT, CONTINUOUS DUTY, S.F. 1.15 460V 60Hz

TYPICAL PERFORMANCE (460 V)

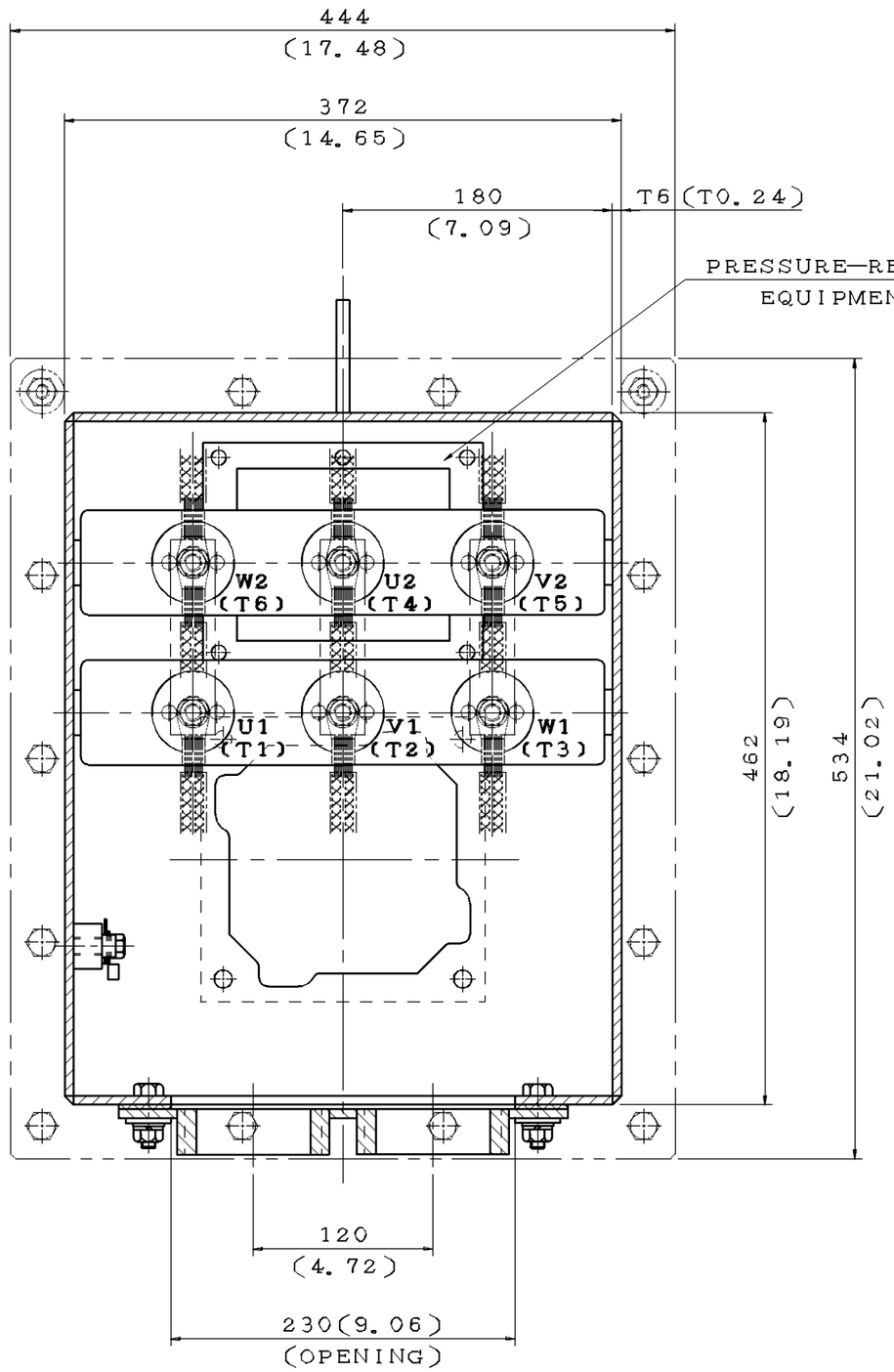
OUTPUT		POLE	FULL LOAD	FRAME	EFFICIENCY(%)				POWER FACTOR(%)			CURRENT			TORQUE				ROTOR	NEMA
					FULL LOAD		3/4 LOAD	1/2 LOAD	FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	208V USABLE	LOCKED ROTOR	FULL LOAD	LOCKED ROTOR	PULL UP	BREAK DOWN	WK²	CODE
HP	kW		RPM	SIZE	NOM.	MIN.	NOM.	NOM.				(A)	ON-A	(A)	lb-ft	%FLT	%FLT	%FLT	lb-ft²	LETTER
250	185	4	1787	449T	96.2	95.4	96	95.5	85.0	81.0	71.5	286	--	2050	734.5	200	160	275	70.8	J
		6	1189	449T	95.8	95	95.5	95	78.5	72.5	60.0	311	--	2350	1104	220	180	275	131.54	J
300	225	4	1788	449T	96.2	95.4	96	95.5	84.0	80.5	70.5	348	--	2750	881.0	240	200	275	88.95	J
		6	1188	Hybrid 449T	95.8	95	95.5	95	82.5	78.5	70.0	355	--	2850	1326	200	160	250	152.59	J
350	260	4	1786	Hybrid 449T	96.2	95.4	95.8	95.5	88.5	87.0	82.0	385	--	3100	1029	230	190	250	105.29	H

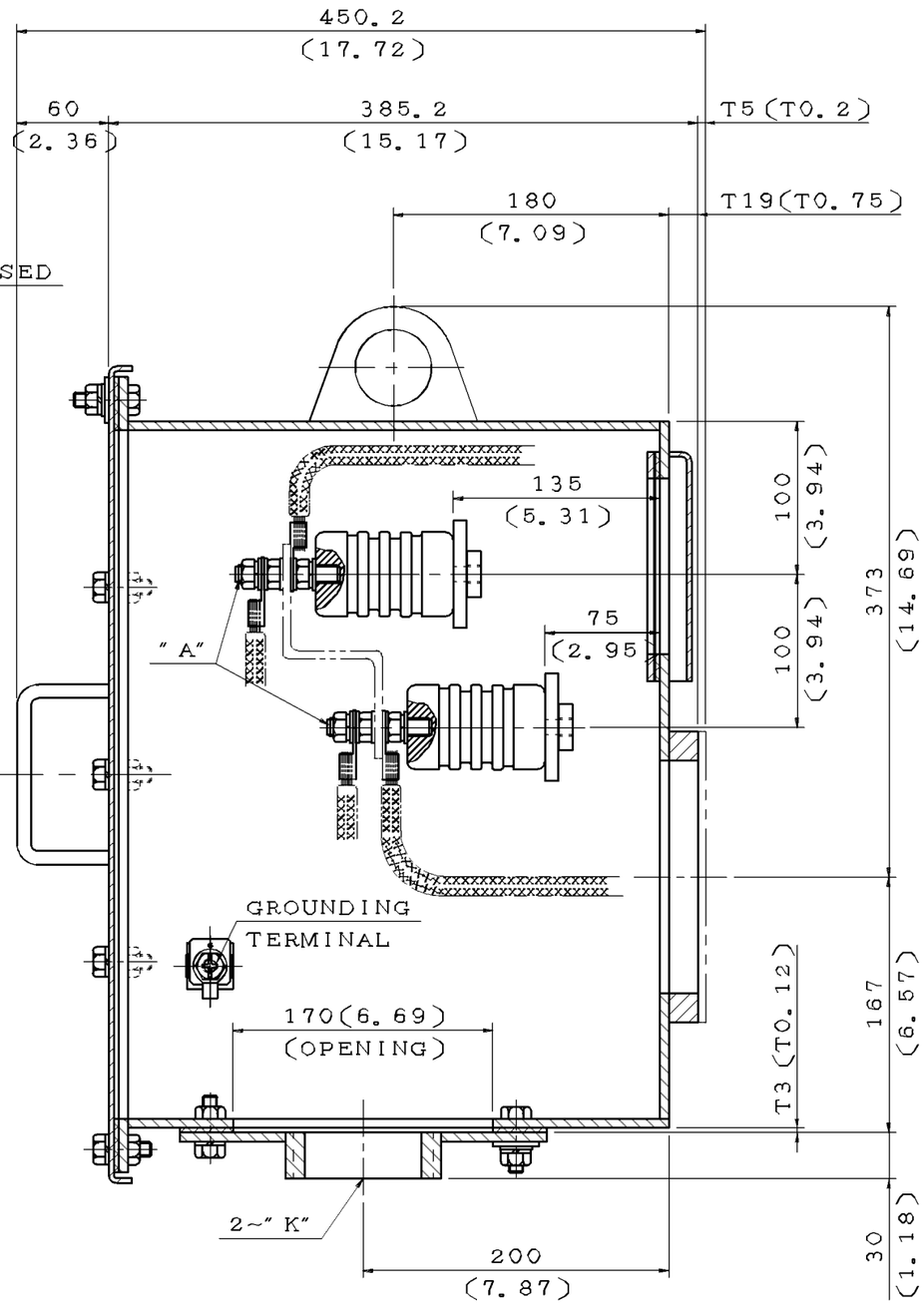
NOTE :

1. The above are typical values based on test according to ANSI／IEEE standard 112 method B.
2. Breakdown & locked rotor torques are shown as average expected values.
3. Efficiency, power factor, speed and torque are the same for other voltages.
   Current values vary inversely with voltage.
4. Tolerance according to NEMA MG1-12 & IEC 60034-1.
5. Data subject to change without notice.

APPD.	Liau-Shin Hung	21-Feb-17	TECO Electric & Machinery Co., Ltd.	DWG. NO. 31057D62114
CHKD.	Ho-Miuy Te	22-Feb-17		REV. 04
DWN.	Robo.Huang	13-Feb-17		3/6

ITEM	A	K
01	M10	NPT2"
02	M16	NPT2"
03	M10	NPT2.5"
04	M16	NPT2.5"
05	M10	NPT3"
06	M16	NPT3"
07	M10	NPT3.5"
08	M16	NPT3.5"
09	M10	NPT4"
10	M16	NPT4"
11	M10	PF5"
12	M16	PF5"





NOTE:
1. DIMENSIONS IN mm(inch)
2. PRIMARY T-BOX

DWN.	J. WANG	JUL.28.2017
CHKD.	H. HUANG	JUL.28.2017
APPD.	C. LIU	JUL.28.2017

DATE 08/25/2017

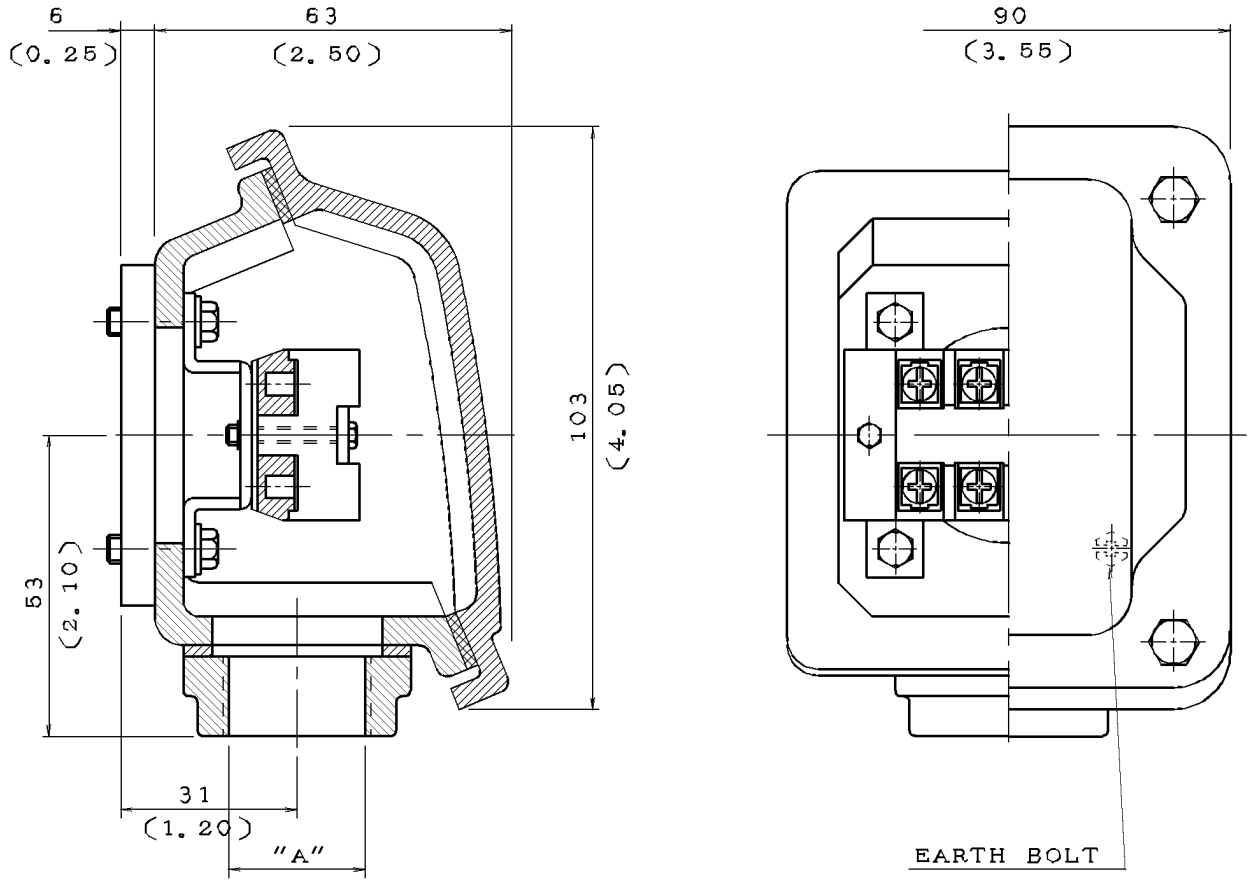
SCHEMATIC DRAWING

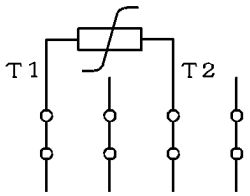
TERMINAL BOX

TECO Westinghouse

DWG NO. 4B040W403 REV:00

DATE	SCHEMATIC DRAWING	MODEL
08/25/2017	TERMINAL BOX	CDP2006RZ



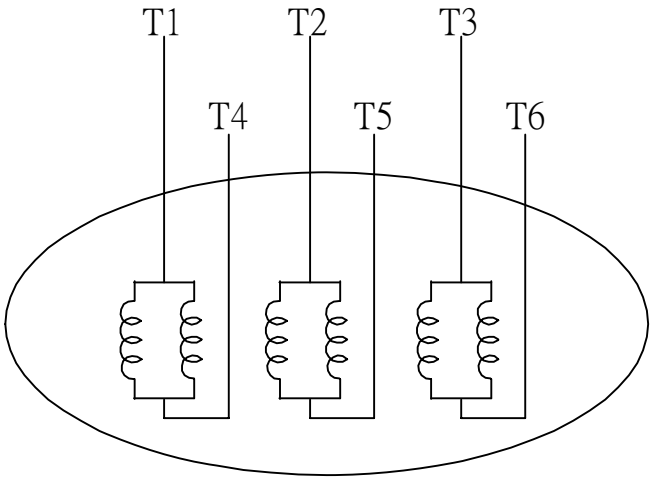


ITEM	A
01	M20X1.5
02	M25X1.5
03	PF0.5"
04	PF0.75"
05	PF1"
06	PT0.5"
07	PT0.75"
08	NPT0.5"
09	NPT0.75"
10	NPT1"

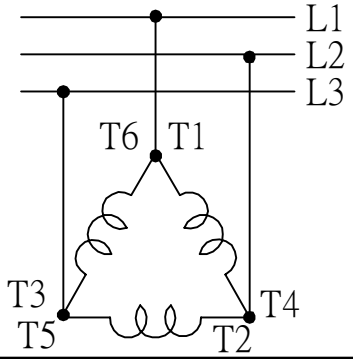
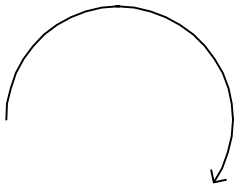
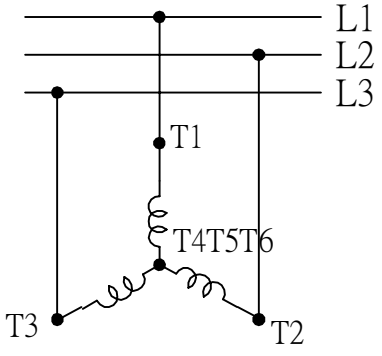
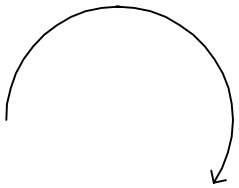
NOTE: 1. DIMENSIONS IN mm (inch)
2. TW-06
3. THERMISTOR T-BOX

DWN.	L. NIEH	MAY. 21.2002	TECO Westinghouse	DWG NO. REV:04
CHKD.	B. YANG	MAY. 21.2002		3A040M465
APPD.	T. CHEN	MAY. 21.2002		

DATE	SCHEMATIC 6 LEADS	MODEL
08/25/2017		CDP2006RZ



SCHEMATIC DIAGRAM - 6 LEADS

VOLTAGE	CONNECTION	ROTATION(VIEWED FROM NON-DRIVE END)
LOW (RUN. Δ)		
HIGH (START. Y)		

DWN.	S.HUANG	MAR • 03 • 2003	TECO Westinghouse	DWG NO. REV: 00
CHKD.	T.HSIAO	MAR • 03 • 2003		3A061H634W
APPD.	T.HSIAO	MAR • 03 • 2003		