Copyright FCI.

PRODUCT NUMBER
20020111-XXXXXXXLF

20020111-□□□□A0□LF

PITCH
- C : 3.50 mm
- D : 3.81 mm
- G : 5.00 mm
- H : 5.08 mm

POLES
- 02: 2 POLES
- 03: 3 POLES
- 04: 4 POLES
- .
- .
- .
- 24: 24 POLES

HOUSING CODE

CODE	COLOR	AVAILABILTY
1	GREEN(RAL 6018/T)	STANDARD
2	BLACK	ON REQUEST ONLY
3	GREY(RAL 7004/P)	ON REQUEST ONLY
4	BLUE(RAL 5015/A)	ON REQUEST ONLY

LF : DENOTED ROHS COMPATIBLE

1 : STANDARD PRODUCT W/ BOX PACKING

PROPERTY TABLE					
FCI SERIES NAME		06-350	06-381	06-500	06-508
PITCH (mm)		3.50	3.81	5.00	5.08
VOLTAGE RATING (VAC)		300	300	300	300
CURRENT RATING (A)	cULus	10	10	12	12
	VDE	10.5	10.5	NA	NA
WITHSTANDING VOLTAGE (kV)	cULus	1.6	1.6	1.6	1.6
	VDE	2.5	2.5	NA	NA
OPERATING TEMP. (°C)		-40~+115	-40~+115	-40~+115	-40~+115
SOLDERING TEMP. (°C)		250±10 (5 sec.)	250±10 (5 sec.)	250±10 (5 sec.)	250±10 (5 sec.)
POLES AVAILABLE		02~24	02~24	02~24	02~24
SAFETY CERTIFICATE		c UL us VDE		c UL us	

NOTES:
1. MATERIALS
   1-1 HOUSING: THERMALPLASTIC RESIN, UL 94V-0 RATED.
   1-2 TERMINAL: COPPER ALLOY, TIN PLATED.
2. PRODUCT SPECIFICATION REFER TO FCI GS-12-625.
3. BOXED PACKAGING,
   DETAILED PRODUCT PACKING SPECIFICATION REFER TO FCI GS-14-1394.
4. FCI, SAFETY CERTIFICATE LOGO AND SERIES NAME TO BE SHOWN ON PRODUCT SURFACE.
5. THE PRODUCTS WHERE THE PART NUMBER END IN "LF" MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
6. RECOMENDED SOLDERING PROCESS BY WAVE SOLDER.

ltr	ecn no	dr	date
A	T10-0062	WL	050710
B	T10-0155	WL	093010
C	T10-0187	WL	121410
D	T11-0006	WL	012611
E	T11-0013	WL	040811
F	T-004860	WL	080411

mat'l. code

surface ASME Y14.5 | tolerance ASME Y14.5

tolerances unless otherwise specified

angles X°±1°

linear X.±0.5[.020] | X.X±0.3[.012] | X.XX±0.1[.004]

projection | MM [INCH] | scale

dr	WENDY CHEN	042610
engr	JASON HSU	042610
chr	GARY HSIEH	042610
appd	JOSEPH HSIA	042610

sheet index	revision	F	F	F	F	F
	sheet	1	2	3	4	5

product family: TERMINAL BLOCK

title: TERMINAL BLOCK PLUGGABLE, SOCKET, SIGNAL, R/A W/FLANGE

dwg no: 20020111 | sheet 1 of 5 | size: A4

type: CUSTOMER Drawing

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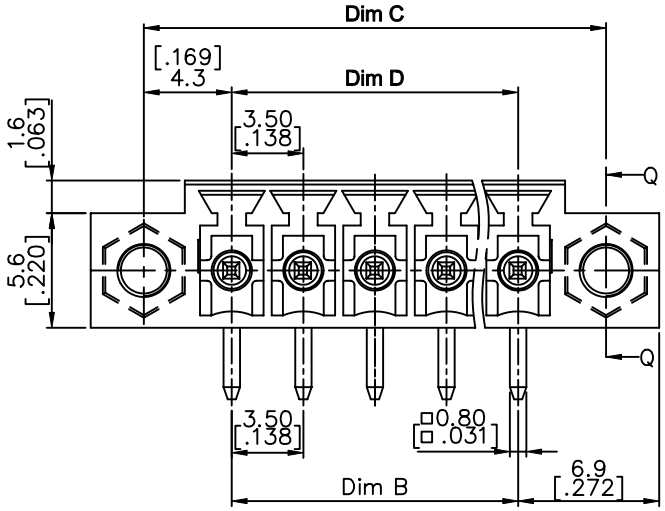
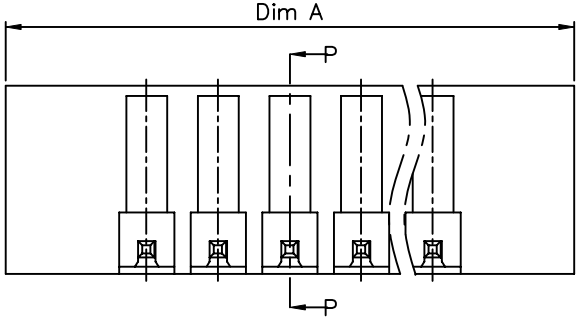
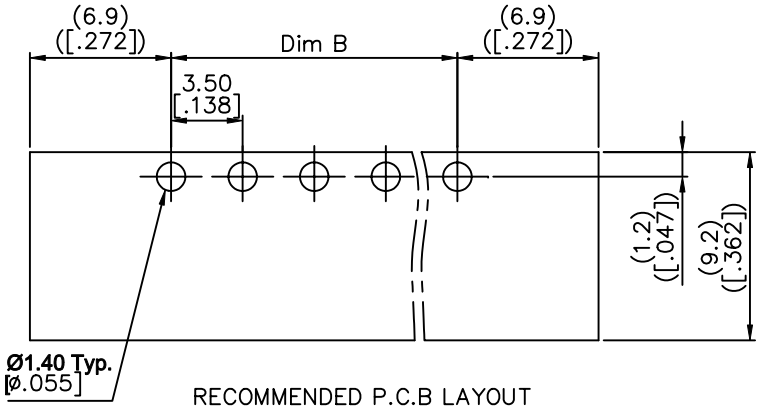
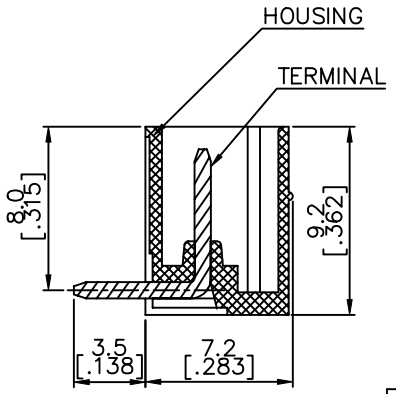
PRODUCT NUMBER	SERIES NAME	PITCH
20020111-CXXXXXXLF	06-350	3.50 mm



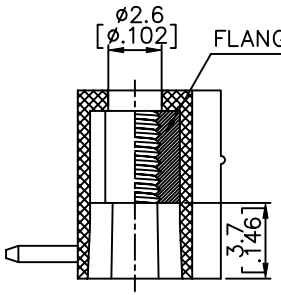




RECOMMENDED P.C.B LAYOUT



SECTION P-P



SECTION Q-Q

N= Number of poles

DimA	(N-1)*3.5[.138]+13.8[.543]
Dim B	(N-1)*3.5[.138]
Dim C	(N-1)*3.5[.138]+8.6[.339]
Dim D	(N-1)*3.5[.138]

Poles	Tolerance
2p-6p	±0.15[.006]
7p-12p	±0.20[.008]
13p-16p	±0.25[.010]
17p-24p	±0.30[.012]

mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family: TERMINAL BLOCK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title: TERMINAL BLOCK PLUGGABLE, SOCKET, SIGNAL, R/A W/FLANGE
F				angles	linear: X.±0.5[.020]	MM [INCH]	
					X.X±0.3[.012]		
				X°±1°	X.XX±0.1[.004]	scale	
				dr	WENDY CHEN	042610	dwg no: 20020111 sheet 2 of 5 size: A4
				engr	JASON HSU	042610	
				chr	GARY HSIEH	042610	
				appd	JOSEPH HSIA	042610	type: CUSTOMER Drawing
sheet index	revision sheet						

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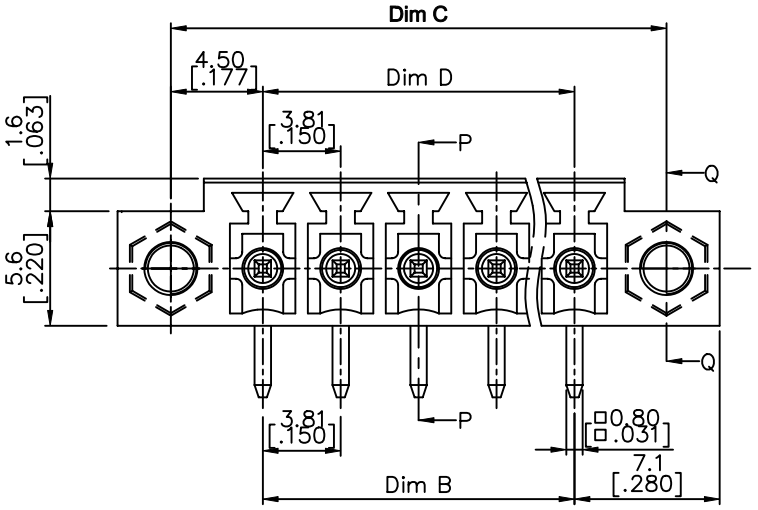
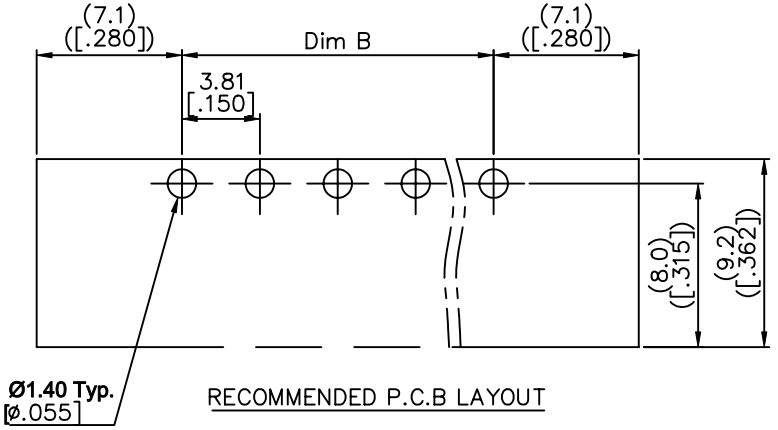
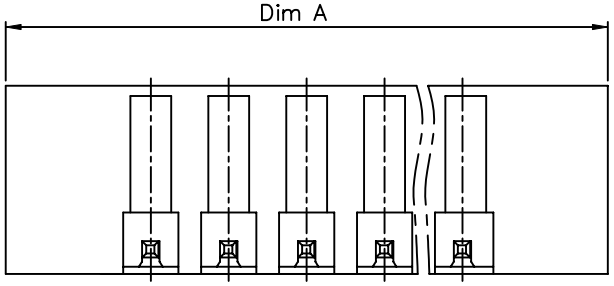
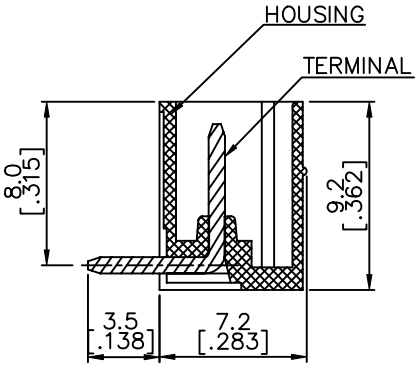
PRODUCT NUMBER	SERIES NAME	PITCH
20020111-DXXXXXXLF	06-381	3.81 mm



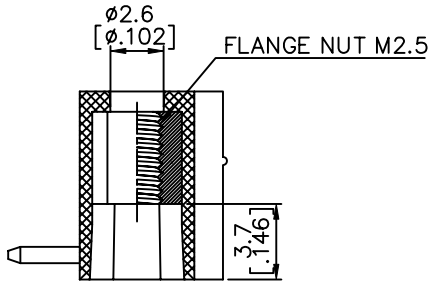


RECOMMENDED P.C.B LAYOUT





SECTION P-P



SECTION Q-Q

N= Number of poles

Dim A	(N-1)*3.81[.150]+14.2[.559]
Dim B	(N-1)*3.81[.150]
Dim C	(N-1)*3.81[.150]+9.0[.354]
Dim D	(N-1)*3.81[.150]

Poles	Tolerance
2p-6p	±0.15[.006]
7p-12p	±0.20[.008]
13p-16p	±0.25[.010]
17p-24p	±0.30[.012]

mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family: TERMINAL BLOCK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title: TERMINAL BLOCK PLUGGABLE, SOCKET, SIGNAL, R/A W/FLANGE
F				angles	linear: X.±0.5[.020]	MM [INCH]	
				X°±1°	X.X±0.3[.012]		
					X.XX±0.1[.004]	scale	
				dr	WENDY CHEN 042610		dwg no: 20020111 sheet 3 of 5 size: A4
				engr	JASON HSU 042610		
				chr	GARY HSIEH 042610		
				appd	JOSEPH HSIA 042610		type: CUSTOMER Drawing

sheet index	revision sheet																				

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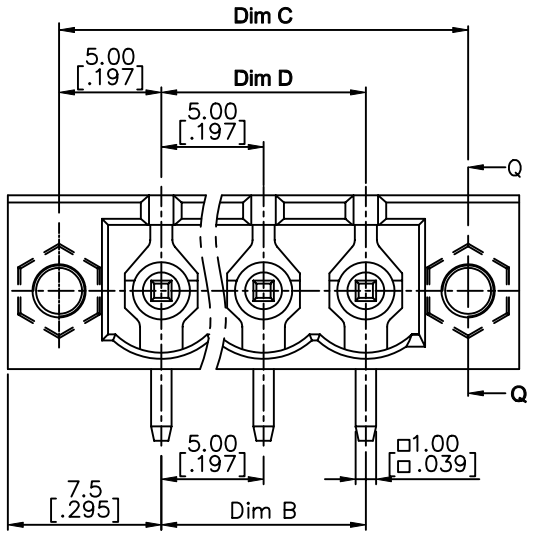
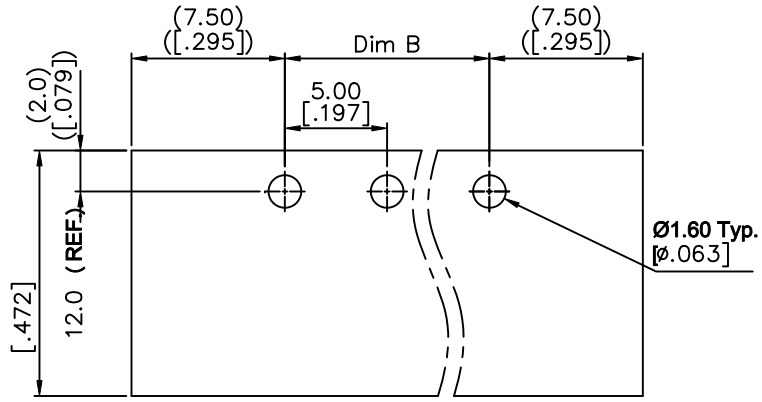
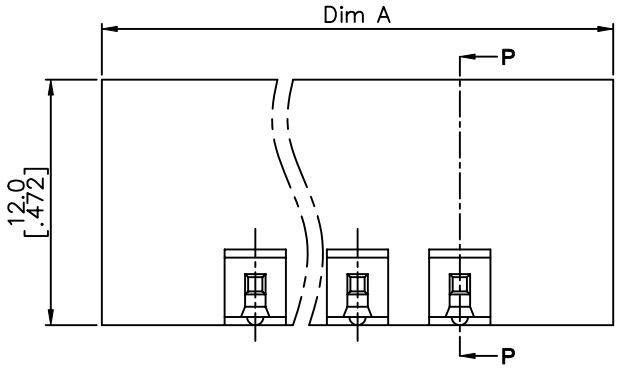
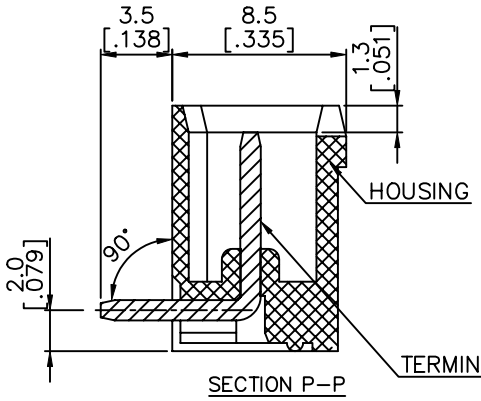
PRODUCT NUMBER	SERIES NAME	PITCH
20020111-GXXXXXXLF	06-500	5.00 mm



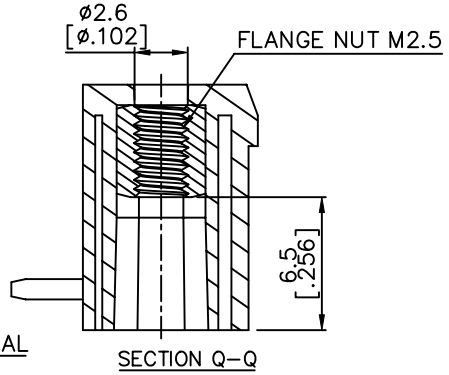


RECOMMENDED PCB LAYOUT





SECTION P-P



SECTION Q-Q

N= NUMBER OF POLES

Dim A	(N+2)*5.0[.197]
Dim B	(N-1)*5.0[.197]
Dim C	(N+1)*5.0[.197]
Dim D	(N-1)*5.0[.197]

Poles	Tolerance
2P-6P	±0.15[.006]
7P-12P	±0.20[.008]
13P-18P	±0.25[.010]
19P-24P	±0.30[.012]

mat'l. code		surface ASME Y14.5	tolerance ASME Y14.5
ltr	ecn no dr date	tolerances unless otherwise specified	
F		angles	linear X.±0.5[.020]
		X°±1°	X.X±0.3[.012]
			X.XX±0.1[.004]
dr	WENDY CHEN	042610	
engr	JASON HSU	042610	
chr	GARY HSIEH	042610	
appd	JOSEPH HSIA	042610	

projection | MM [INCH] | scale

product family: TERMINAL BLOCK

title: TERMINAL BLOCK PLUGGABLE, SOCKET, SIGNAL, R/A W/FLANGE

dwg no 20020111 | sheet 4 of 5 | size A4

type: CUSTOMER Drawing

sheet index | revision sheet

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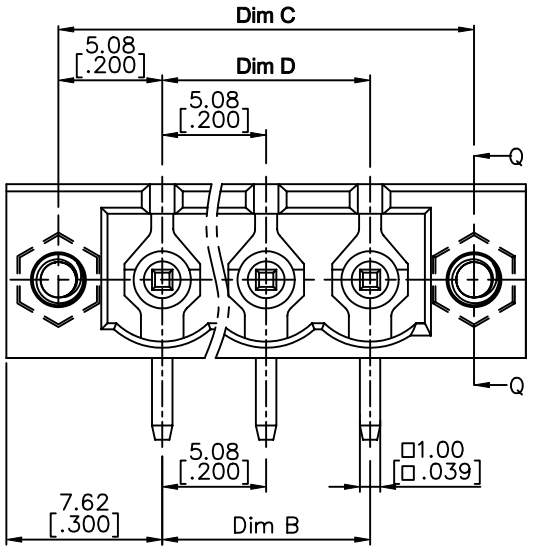
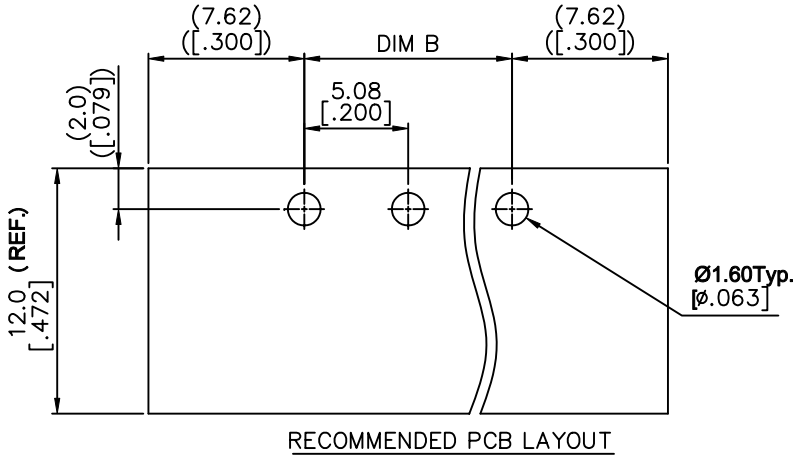
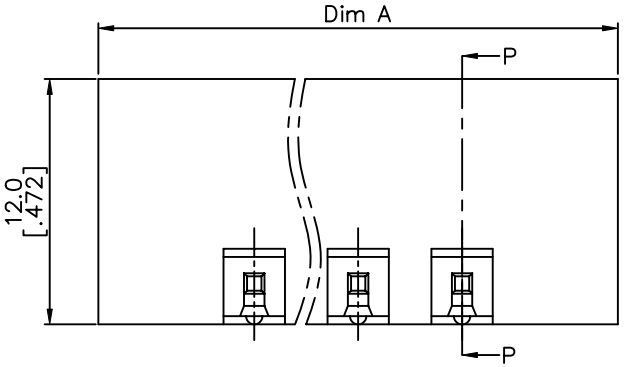
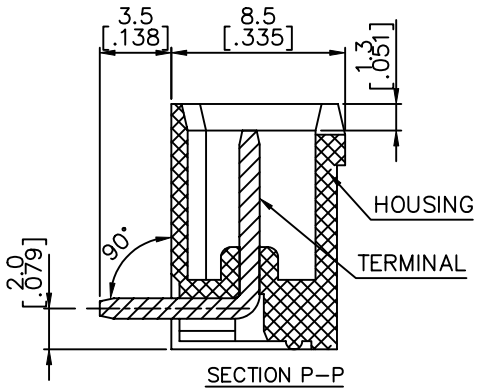
PRODUCT NUMBER	SERIES NAME	PITCH
20020111-HXXXXXXLF	06-508	5.08 mm



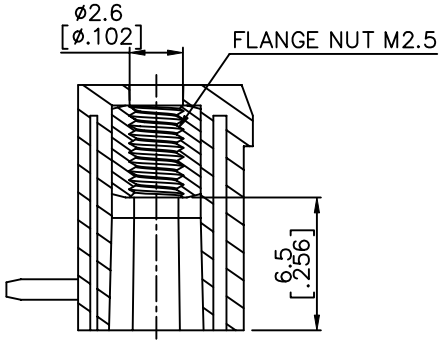


RECOMMENDED PCB LAYOUT





SECTION P-P



SECTION Q-Q

N= NUMBER OF CONCATS

Dim A	(N+2)*5.08[.200]
Dim B	(N-1)*5.08[.200]
Dim C	(N+1)*5.08[.200]
Dim D	(N-1)*5.08[.200]

Poles	Tolerance
2P-6P	±0.15[.006]
7P-12P	±0.20[.008]
13P-18P	±0.30[.012]
19P-24P	±0.40[.016]

mat'l. code		surface ASME Y14.5	tolerance ASME Y14.5
ltr	ecn no	dr	date
F			

tolerances unless otherwise specified
angles X.±0.5[.020]
linear X.X±0.3[.012]
X°±1° X.XX±0.1[.004]
projection
MM [INCH]
scale

dr	WENDY CHEN	042610
engr	JASON HSU	042610
chr	GARY HSIEH	042610
appd	JOSEPH HSIA	042610

product family: TERMINAL BLOCK
title: TERMINAL BLOCK PLUGGABLE, SOCKET, SIGNAL, R/A W/FLANGE
dwg no: 20020111
sheet 5 of 5
size: A4
type: CUSTOMER Drawing

sheet index | revision sheet