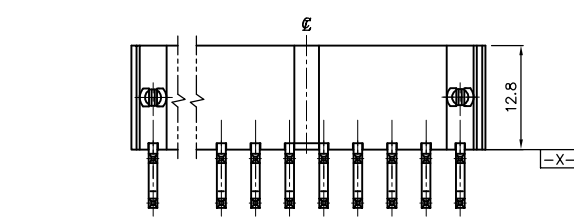
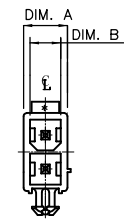
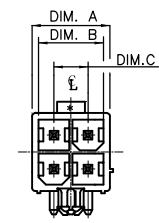
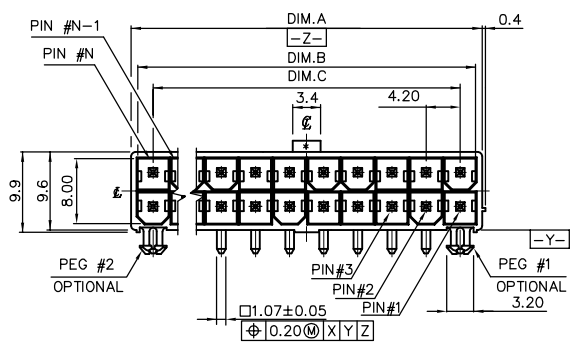


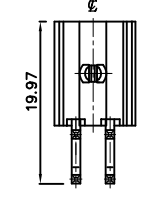
1 2 3 4 5 6 7

REV.	ECN. NO.	APPD.
A	HC057747	Yusan 8/30'05
B	BC077074501	Yusan
C	BC087059847	Jake W.Yuan

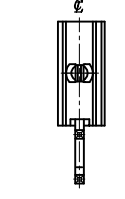
NOTES:  
 1. DIMENSION SHALL BE INTERPRETED PER ASME Y14.5M-1994.  
 2. MATERIALS OF ① AND ② ARE SHOWN ON DRAWING 307-0500-1158  
 3. SPEC. OF PROD. ARE SHOWN ON DRAWING 307-0300-1158  
 △ PRODUCT NO.: HM36\*\*\*-\*\*\*\*\*  
 NO. OF SINGLE ROW POS. — SEE FOXCONN'S DWG. 307-0500-1158  
 CONTACT AREA PLATING —  
 E=TIN PLATING WITH LEAD FREE  
 5. PLEASE CONTACT FOXCONN SALES REPRESENTATIVE TO VERIFY PRODUCT DETAIL&AVAILABILITY.  
 6. HARMFUL MATERIAL CONTROL PLEASE FOLLOW FOXCONN'S DOC. "EP112".



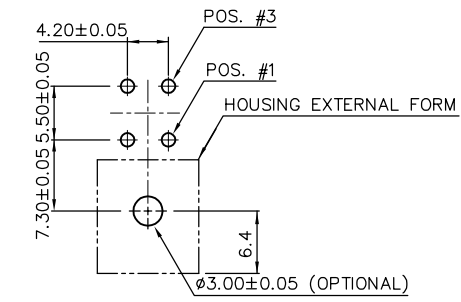
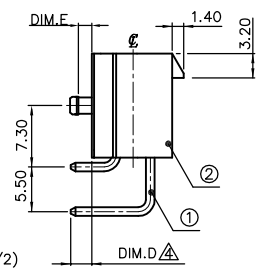
(TYPE I: POS.3/6 ~ POS.12/24)



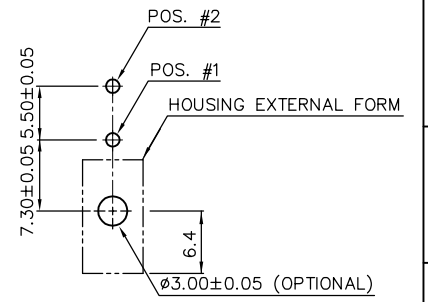
(TYPE II: POS.2/4)



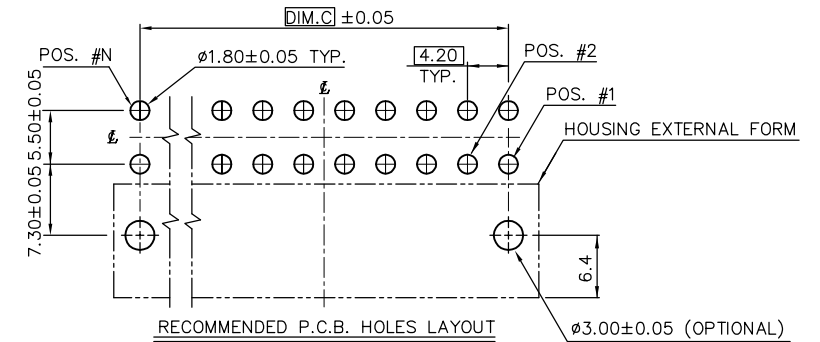
(TYPE III: POS.1/2)



RECOMMENDED P.C.B. HOLES LAYOUT  
(TYPE II: POS.2/4)



RECOMMENDED P.C.B. HOLES LAYOUT  
(TYPE III: POS.1/2)



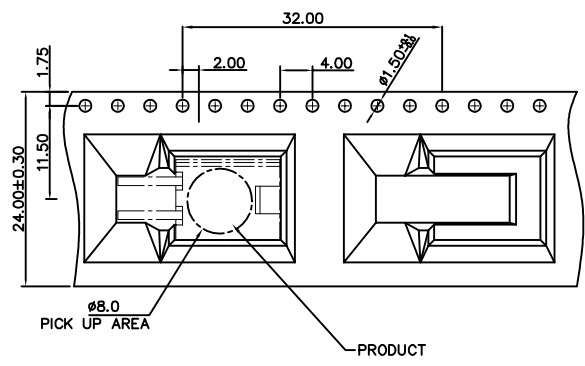
RECOMMENDED P.C.B. HOLES LAYOUT  
(TYPE I: POS.3/6 ~ POS.12/24)

HM3612*—*****	12/24	51.6	50.00	46.20
HM3611*—*****	11/22	47.4	45.80	42.00
HM3610*—*****	10/20	43.2	41.60	37.80
HM3609*—*****	9/18	39.0	37.40	33.60
HM3608*—*****	8/16	34.8	33.20	29.40
HM3607*—*****	7/14	30.6	29.00	25.20
HM3606*—*****	6/12	26.4	24.80	21.00
HM3605*—*****	5/10	22.2	20.60	16.80
HM3604*—*****	4/8	18.0	16.40	12.60
HM3603*—*****	3/6	13.8	12.20	8.40
HM3602*—*****	2/4	9.6	8.00	4.20
HM3601*—*****	1/2	5.4	3.80	0
PART NO.	NO. OF POS.	DIM. A	DIM. B	DIM. C

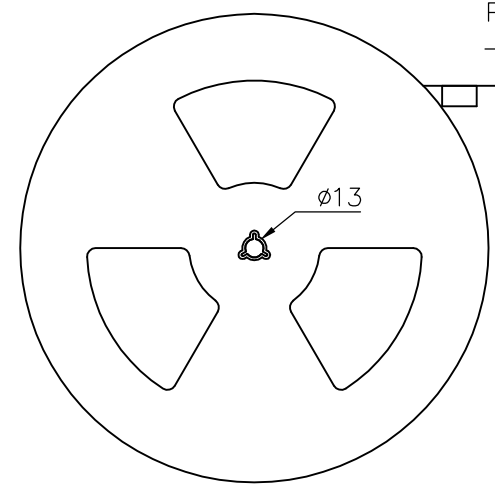
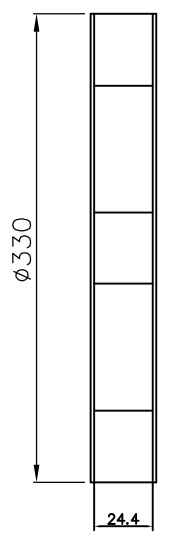
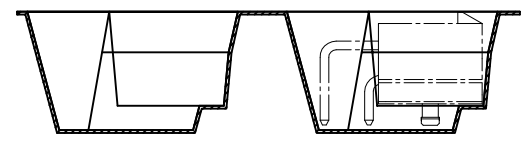
X.±	X°.±	UNITS mm	NAME(INTENDED USE)	<b>FOXCONN</b> HON HAI PRECISION IND. CO.,LTD. TAIPEI, TAIWAN, R.O.C.
.X± 0.38	.X°.±		MINI FIT, POWER CONN.	
.XX± 0.25	.XX°.±	FINISH	PART NO.(INTENDED USE)	TITLE:
.XXX±	.XXX°.±		HM36 SERIES	CUSTOMER DRAWING
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF HON HAI PRECISION IND. CO., LTD. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF HON HAI PRECISION IND. CO., LTD.		Q'TY	APPD: Yihsin Chen	DWG NO.:
			CHKD: Wolfe Liu	307-0000-1158
		DR:Chuck Zhang 12/28'10	SCALE SHEET REV. N/A 1/2 CX1	

1 2 3 4 5 6 7

REV.	ECN. NO.	APPD.



PULL OUT DIRECTION  
→



PULL OUT DIRECTION  
→

HM3602*-****R*	120
PROD. No.	Q'TY/REEL

X.±	X°.±	UNITS mm	NAME(INTENDED USE)	<b>FOXCONN</b> HON HAI PRECISION IND. CO.,LTD. TAIPEI, TAIWAN, R.O.C.
.X± 0.38	.X°±	MAT'L	MINI FIT, POWER CONN.	
.XX± 0.25	.XX°±	FINISH	PART NO.(INTENDED USE)	TITLE:
.XXX±	.XXX°±		HM36 SERIES	APPD: Yhsin Chen
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF HON HAI PRECISION IND. CO., LTD. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF HON HAI PRECISION IND. CO., LTD.			Q'TY	DWG NO.:
			CHKD: Wolfe Liu	307-0000-1158
			DR:Chuck Zhang 12/28'10	
				SCALE SHEET REV. N/A 2/2 CX1

ITEM	DESC.	Q'TY	MATERIAL	TREATMENT	REMARK
1	HOUSING	1	HIGH TEMPERATURE, THERMOPLASTIC, NYLON 9T OR LCP UL94 V-0	COLOR IVORY	
2	CONTACT	SEE NOTES BELOW	BRASS	A) 50u" MIN. NICKEL UNDER PLATING. B) GOLD FLASH PLATING OR 100u" MIN. TIN PLATING OVER NICKEL	

NOTES :

- HARMFUL MATERIAL CONTROL PLEASE FOLLOW FOXCONN'S DOC. "EPI12".
- THE CONCENTRATIONS OF Br&Cl CAN SATISFY THE REQUIREMENT OF HALOGEN-FREE IN DOCUMENT EPI12.
- PRODUCT NO. MATRIX:

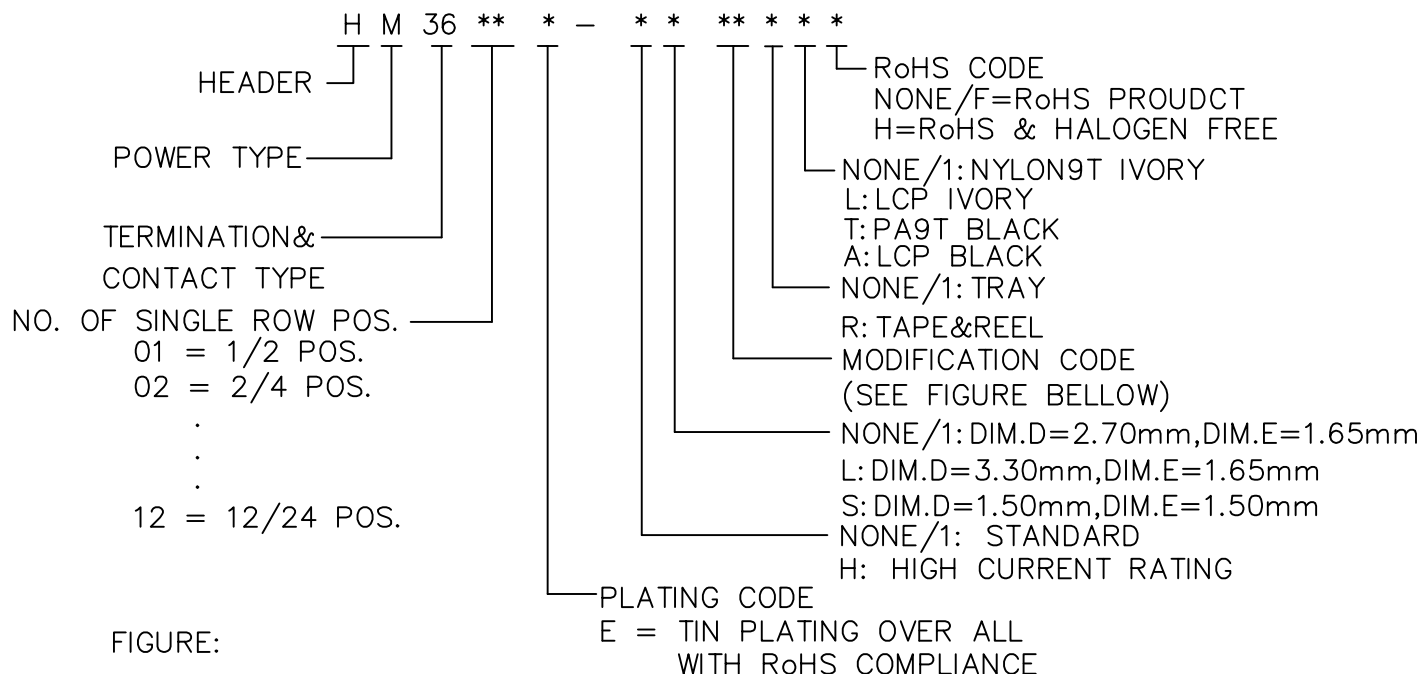


FIGURE:

CODE	DESCRIPTION	
		PEG
NONE/1	NONE	NONE
P2	PEG#1&PEG#2	NONE
P1	PEG#1	NONE
S2	PEG#1&PEG#2	THE 19TH PIN OMITED
S1	PEG#2	THE 19TH PIN OMITED

- PLEASE CONTACT FOXCONN SALES REPRESENTATIVE TO VERIFY PRODUCT DETAIL&AVAILABILITY.

**FOXCONN** HON HAI PRECISION IND. CO.,LTD.  
TAIPEI, TAIWAN, R.O.C.

D	BC087059853	Jake W.Yuan
C	BC077074674	Yusan
B	BC06740600	Yusan7/22'06
A	HC057749	Yusan8/30'05
REV.	ECN NO.	APPD.

APPD. :	Shih-Wei Hisao	TITLE :	MATERIAL LIST POWER HEADER,R/A,T/H
CHKD. :	Yusan Hisao	PROD. SERIES :	HM36 SERIES
DR. :	Xu Liu	DWG. NO :	307-0500-1158
	12/19'13	REV. :	DX4 SHEET : 1/1

## PRODUCT SPECIFICATIONS:

### 1. MATERIAL AND FINISH:

#### 1-1. HOUSING :

THERMOPLASTIC , UL94 V-0 RATING PA9T OR LCP.

#### 1-2. CONTACT:

COPPER ALLOY,BRASS 50u" MIN. NICKEL UNDER PLATING,  
100u" MIN,TIN PLATING OVER NICKEL.

### 2. ELECTRICAL CHARACTERISTICS:

#### 2-1. CONTACT CURRENT RATING & APPLICABLE WIRES (UNIT: A) .

Wire \ POS.	2&3	4-6	7-10	12-24
AWG#16	9	8	7	6
AWG#18	9	8	7	6
AWG#20	7	6	5	5
AWG#22	5	4	4	4
AWG#24	4	3	3	3
AWG#26	3	2	2	2
AWG#28	2	1	1	1

REMARK: 11A PER CONTACT ONLY FOR HM36\*\*\*-H\*\*\*\*

2-2. DIELECTRIC WITHSTANDING VOLTAGE: 1500VAC AT SEA LEVEL.

2-3. INSULATION RESISTANCE: 1000 MEGOHMS MIN. .

2-4. LOW LEVEL CONTACT RESISTANCE : 30 MILLIOHMS MAX. INTIAL,  
AFTER LIFE TEST 40 MILLIGOHMS MAX..

### 3. MECHANICAL CHARACTERISTICS:

3-1. INSERTION FORCE: 0.70Kgf MAX. PER CONTACT.

3-2. WITHDRAWAL FORCE: 0.20Kgf MIN. PER CONTACT.

3-3. CONTACT RETENTION FORCE: 2 LBS( 0.91 Kg ) MIN. PER CONTACT.

3-4. DURABILITY: 50 CYCLES

### 4. ENVIRONMENTAL DATA:

4-1. SOLDERABILITY: PASSED EIA-364-52.

4-2. OPERATION TEMPERATURE: -40°C TO +105°C

4-3. HARMFUL MATERIAL CONTROL PLEASE FOLLOW FOXCONN'S  
DOC. "EPI12".

### 5. PLEASE CONTACT FOXCONN SALES REPRESENTATIVE TO VERIFY PRODUCT DETAIL&AVAILABILITY.

**FOXCONN** HON HAI PRECISION IND. CO.,LTD.  
TAIPEI, TAIWAN, R.O.C.

D	BC077051150	Yusan
C	BC06744754	Yusan8/1'06
B	BC06740616	Ady Zhou5/10'05
A	HC97380	I.K.LIU 3/1'97
REV.	ECN NO.	APPD.

APPD. :	Shih-Wei Hsiao	TITLE :	SPECIFICATION POWER HEADER,R/A,T/H
CHKD. :	Yusan Hsiao	PROD. SERIES :	HM36 SERIES
DR. :	Kang Chen 12/18'12	DWG. NO :	307-0300-1158
		REV. :	DX2 SHEET : 1/1