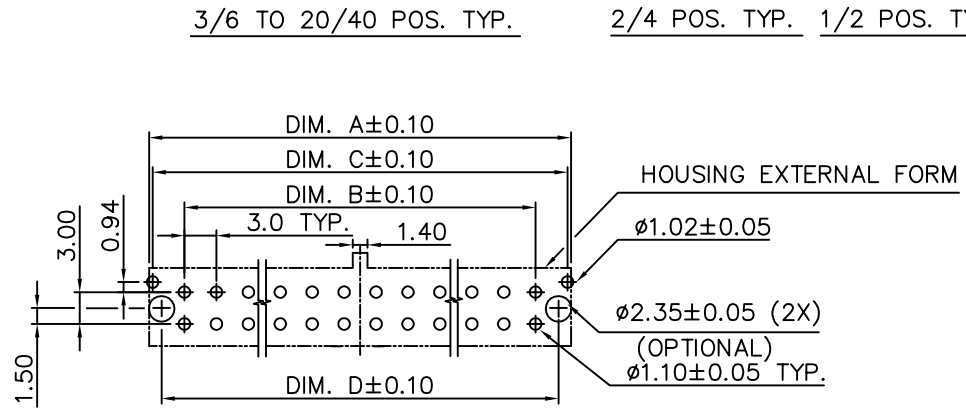
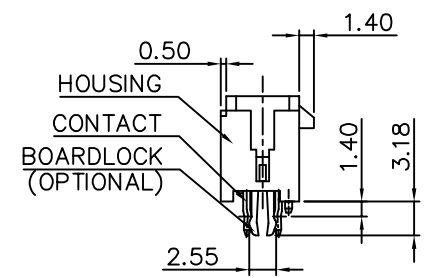
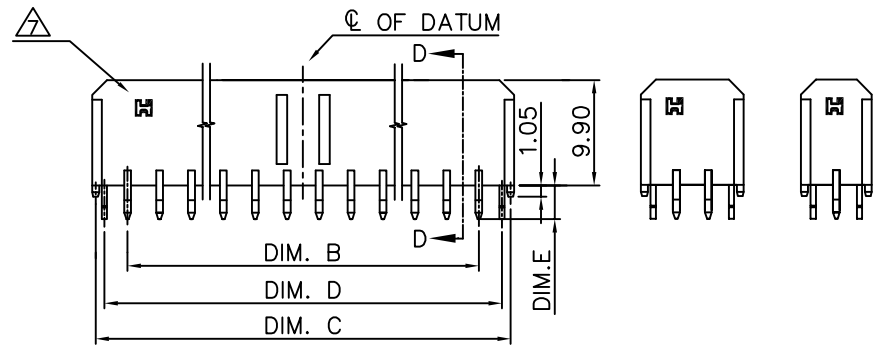
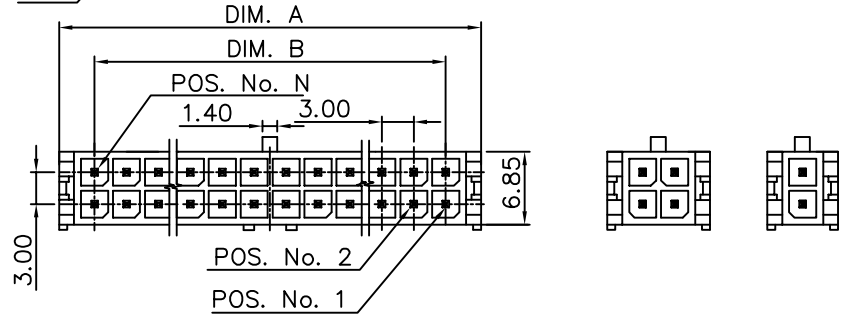
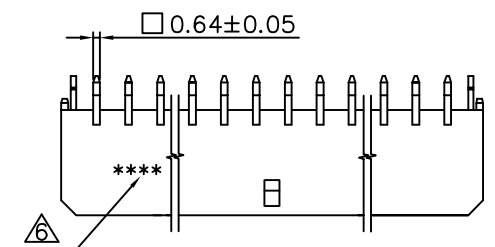


REV.	ECN. No.	APPD.
A	IC021786	Yihsin Chen 4/17/02
B	IC027606	Yihsin Chen 11/18/02
C	BC0367809	Michgel Lai 7/12/03
D	HC053426	Ady Zhou 4/19/05
E	BC07705470	Yusan
F	BC077023294	Yusan
G	BC077087519	Yusan
H	BC087031601	Jake W. Yuan

NOTES: UNLESS OTHERWISE SPECIFIED

- DIMENSIONS SHALL BE INTERPRETED PER ASME Y14.5M-1994.
- SPEC. ARE SHOWN ON DWG. "307-0100-253".
- MATERIALS ARE SHOWN ON DWG. "307-0100-254".
- HM42 ***-***** SEE DWG. "307-0100-254"
- HARMFUL MATERIAL CONTROL PLEASE FOLLOW FOXCONN'S DOC. "EPI12".
- THE CONCENTRATIONS OF Br&Cl CAN SATISFY THE REQUIREMENTS OF HALOGEN-FREE IN FOXCONN'S DOC "EPI12".
- DATE CODE : PLEASE REFER TO FOXCONN'S DOC. "SQ-3B0-070" WHEN THE POS. No. IS 6 OR OVER.
- THE "H" LOGO IS LOCATED APPROXIMATELY AS SHOWN.
- PLEASE CONTACT FOXCONN SALES REPRESENTATIVE TO VERIFY PRODUCT DETAILS & AVAILABILITY.



P/N	DIM.A	DIM.B	DIM.C	DIM.D
HM4215*-*****	48.65	42.00	48.00	46.30
HM4214*-*****	45.65	39.00	45.00	43.30
HM4213*-*****	42.65	36.00	42.00	40.30
HM4212*-*****	39.65	33.00	39.00	37.30
HM4211*-*****	36.65	30.00	36.00	34.30
HM4210*-*****	33.65	27.00	33.00	31.30
HM4209*-*****	30.65	24.00	30.00	28.30
HM4208*-*****	27.65	21.00	27.00	25.30
HM4207*-*****	24.65	18.00	24.00	22.30
HM4206*-*****	21.65	15.00	21.00	19.30
HM4205*-*****	18.65	12.00	18.00	16.30
HM4204*-*****	15.65	9.00	15.00	13.30
HM4203*-*****	12.65	6.00	12.00	10.30
HM4202*-*****	9.65	3.00	9.00	7.30
HM4201*-*****	6.65	6.00	4.30	

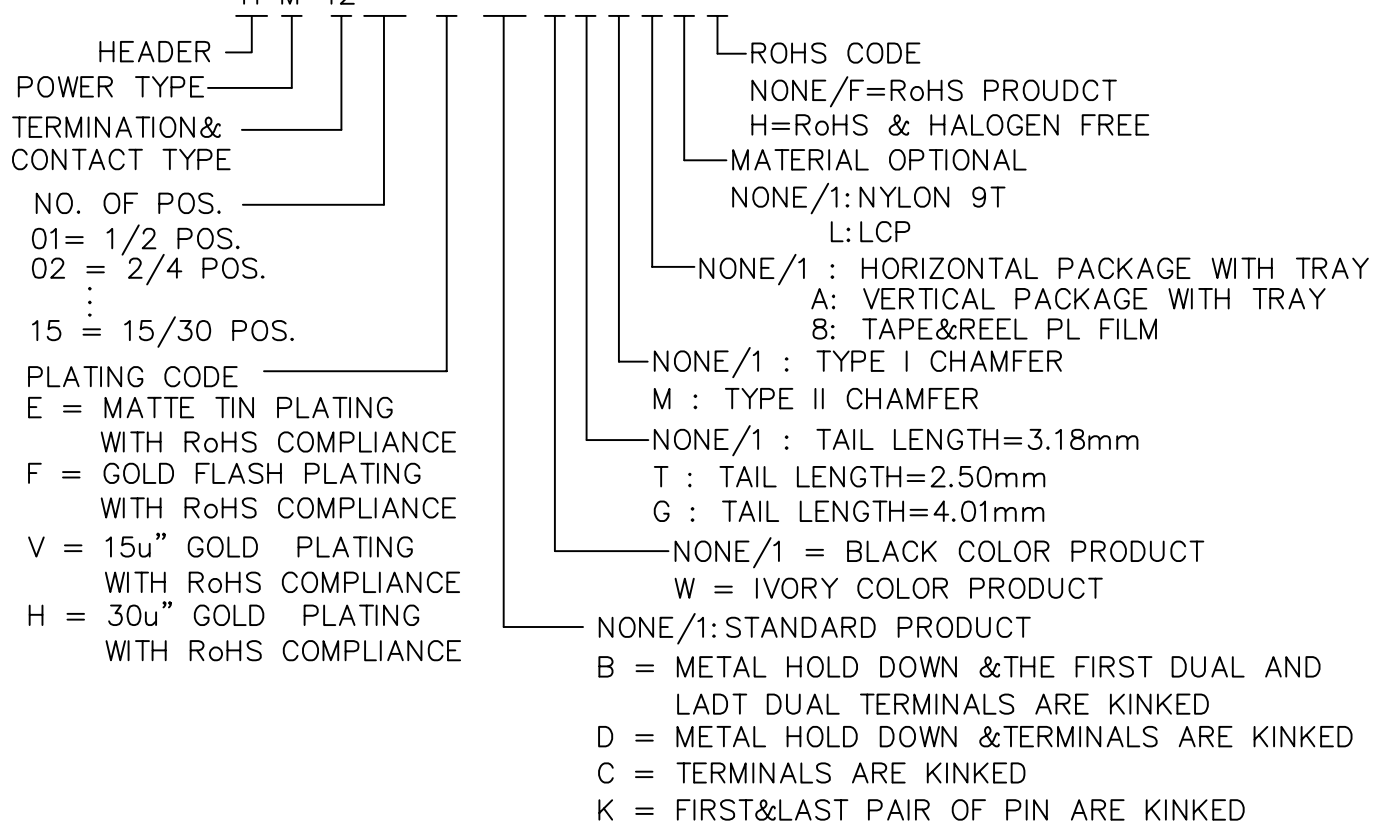
X.±	X°±	UNITS	mm	NAME(INTENDED USE)	HON HAI PRECISION IND. CO.,LTD. TAIPEI, TAIWAN, R.O.C.
.X± 0.20	.X°±	MAT'L		POWER HEADER	
.XX± 0.15	.XX°±			PART No.(INTENDED USE) HM42 SERIES	
.XXX±	.XXX°±	FINISH		APPD: Shih-Wei Hsiao	
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF HON HAI PRECISION IND. CO., 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	CHKD: Yusan Hsiao
				DR: Xu Liu 02/27'14	DWG No.: 307-0100-252
					SCALE SHEET REV. 2/1 1/1 HX2

ITEM	DESC.	Q'TY	MATERIAL	TREATMENT	REMARK
1	HOUSING	1	HIGH TEMPERATURE, THERMOPLASTIC, UL94 V-0	MOLDED COLOR SEE NOTES BELOW	
2	CONTACT	SEE NOTES BELOW	COPPER ALLOY	A) 50u" MIN. NICKEL UNDER PLATING. B) MATTE TIN OR GOLD PLATING OVER NICKEL ON CONTACT AREA.	
3	METAL HOLD DOWN	2	PHOSPHOR BRONZE	A) 50u" MIN. NICKEL UNDER PLATING. B) 100u" MIN. MATTE TIN PLATING OVER NICKEL.	ONLY FOR HM42***-B/ HM42***-D.

NOTES :

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

H M 42 ** * - * * * * *



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

K	BC087144522	Jake W.Yuan
J	BC087031606	Jake W.Yuan
H	BC087004392	Jake W.Yuan
G	BC077087530	Yusan
F	BC077023545	Yusan
E	BC07705603	Yusan
D	BC06743330	Yusan 7/26'06
C	BC0367809	Michael Lai 7/12,03
B	IC027606	Yihsin Chen 11/18,02
A	IC021866	Yihsin Chen 6/15,02
REV.	ECN No.	APPD.

FOXCONN HON HAI PRECISION IND. CO.,LTD. TAIPEI, TAIWAN, R.O.C.	
APPD. : Shih-Wei Hsiao	TITLE : MATERIAL LIST POWER HEADER, VERTICAL, T/H
CHKD. : Yusan Hsiao	PROD. SERIES : HM42 SERIES
DR. : Xu Liu	DWG. NO : 307-0100-254
02/27'14	REV. : KX4 SHEET : 1/1

PRODUCT SPECIFICATIONS:

1. MATERIAL AND FINISH:

1-1. HOUSING :

HIGH TEMPERATURE , THERMOPLASTIC , UL94 V-0 RATING.

1-2. CONTACT:

COPPER ALLOY, 50u" MIN. NICKEL UNDER PLATING, 100u" MIN. TIN PLATING OR 15u" MIN. OR 30u" MIN. GOLD PLATING OVER NICKEL ON CONTACT AREA.

1-3. METAL HOLD DOWN:

PHOSPHOR BRONZE, 50u" MIN. NICKEL UNDER PLATING, 100u" MIN. TIN PLATING OVER NICKEL.

2. ELECTRICAL CHARACTERISTICS:

2-1. LOW LEVEL CONTACT RESISTANCE : 30 MILLIOHMS MAX. INTIAL, AFTER LIFE TEST 40 MILLIGOHMS MAX..

2-2. CONTACT CURRENT RATING : 5.0 AMPERES PER CONTACT.

2-3. DIELECTRIC WITHSTANDING VOLTAGE: 1500VAC AT SEA LEVEL.

2-4. INSULATION RESISTANCE: 1000 MEGOHMS MIN. .

3. MECHANICAL CHARACTERISTICS:

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

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

3-3. THE 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: -55°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.

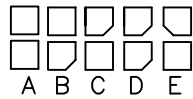
D	BC077043476	Yusan
C	BC06744060	Yusan 7/29'06
B	BC0367809	Michael Lai 7/12'03
A	IC021866	Yihsin Chen 6/15'02
REV.	ECN NO.	APPD.

APPD. : Yihsin Chen	TITLE : SPECIFICATION POWER HEADER,VERTICAL,T/H
CHKD. : Max S.H. Yang	PROD. SERIES : HM42 SERIES
DR. : Chuck Zhang 2/24'10	DWG. NO : 307-0100-253
	REV. : DX1 SHEET : 1/1

REV.	ECN. NO.	APPD.
A	IC021667	Yhsin Chen 5/4/02
B	BC077060687	Yusan
C	BC087004406	Jake W.Yuan
D	BC087032160	Jake W.Yuan

NOTE:

1. THE DRAWING IS CHAMFER DIRECTION FOR HM(3.0PITCH) SERIES HOUSING. TO GUARD AGAINST INSERT WRONG DIRECTION BETWEEN MALE AND FEMALE.
2. HARMFUL MATERIAL CONTROL PLEASE FOLLOW FOXCONN'S DOC. "EPI12".
- ④ 3. THE CONCENTRATIONS OF Br&Cl CAN SATISFY THE REQUIREMENTS OF HALOGEN-FREE IN FOXCONN'S DOC "EPI12".



1 PIN.		7 PIN.	BBDDAAB
2 PIN.		8 PIN.	DBCDAACDD
3 PIN.		9 PIN.	ACEAAACCA
4 PIN.	BADA	10 PIN.	ACCDBACDAA
5 PIN.	ADCCC	11 PIN.	ACCAAAAAEEA
6 PIN.	DDDBAD	12 PIN.	DDADAAAABCADD

TYPE I CHAMFER

④ HM4012*--** & HM42***--***M & HM46 & HM49 SERIES AS FOLLOWING

2 PIN.		7 PIN.	HHDDFEH
3 PIN.		8 PIN.	DHCDFGDD
4 PIN.	BFDF	9 PIN.	BCFGFFDDB
5 PIN.	FDGGC	10 PIN.	FGGDHFGDFE
6 PIN.	DDDBFD	11 PIN.	DCGDFGDFFFH
		12 PIN.	DDFDFFFHGFDD

TYPE II CHAMFER

X.±	X°±	UNITS	NAME(INTENDED USE)	FOXCONN HON HAI PRECISION IND. CO.,LTD. TAIPEI, TAIWAN, R.O.C.						
.X±	.X°±	MAT'L	POWER CONN.							
.XX±	.XX°±	FINISH	PART NO.(INTENDED USE)	TITLE:						
.XXX±	.XXX°±		HM SERIES	HSG,3.00 MICROFIT POWER CONN						
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			Q'TY	CHKD: D.J.Chen	012-0000-678					
			DR: Betty Xie 4/3'08	<table border="1"> <tr> <td>SCALE</td> <td>SHEET</td> <td>REV.</td> </tr> <tr> <td>N/A</td> <td>1/1</td> <td>D</td> </tr> </table>	SCALE	SHEET	REV.	N/A	1/1	D
SCALE	SHEET	REV.								
N/A	1/1	D								