REV.	ECN No.	APPD.
A	IC023412	Yihsin Chen 12/9'05
B	HC048369	Ady Zhou 5/17,02
C	HC051098	Ady Zhou 9/28'04
D	HC053753	Ady Zhou 2/22'05

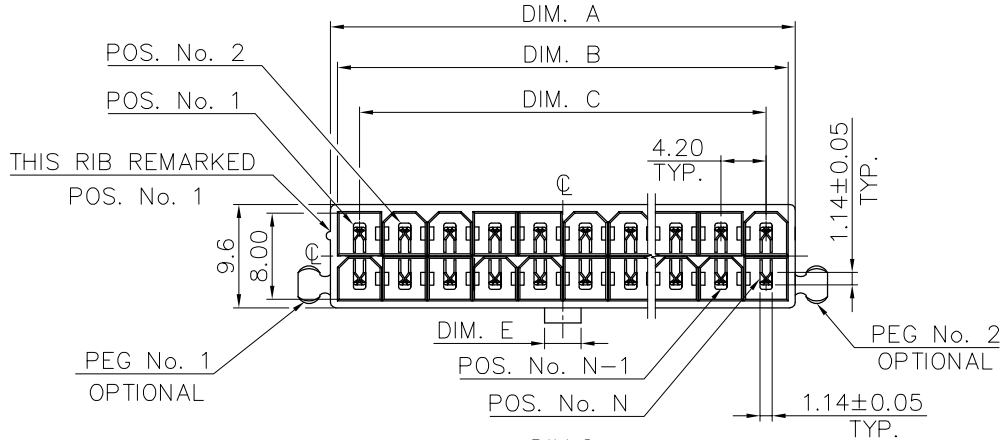
NOTE: UNLESS OTHERWISE SPECIFIED.

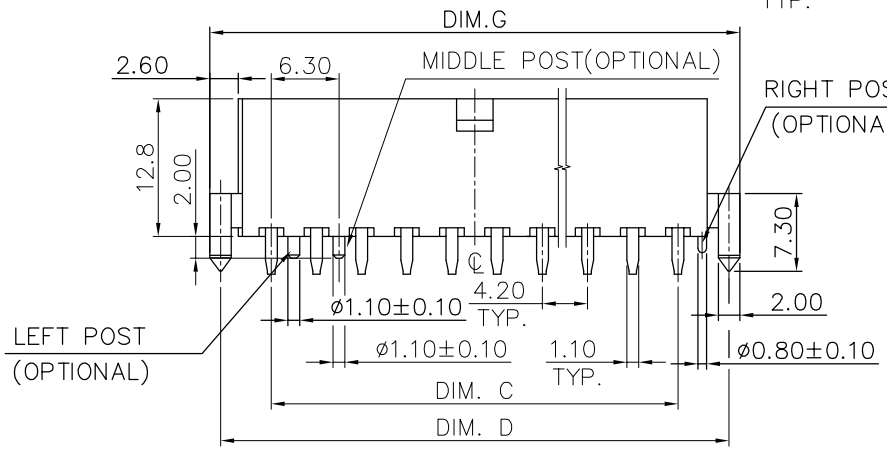
1. DIMENSIONS SHALL BE INTERPRETED PER ANSI Y14.5M–1994.
2. SPEC. ARE SHOWN ON DRAWING "307–0100–322".
3. MATERIAL ARE SHOWN ON DRAWING "307–0100–324".
4. PRODUCT No. MATRIX :

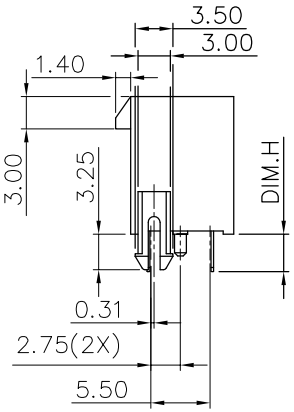
H M 35 ** * –***

- *** : MODIFICATION CODE (SEE DWG. "307–0000–375")
- * : PLATING CODE (SEE DWG. "307–0100–324")
- ** : No. OF SINGLE ROW POS.

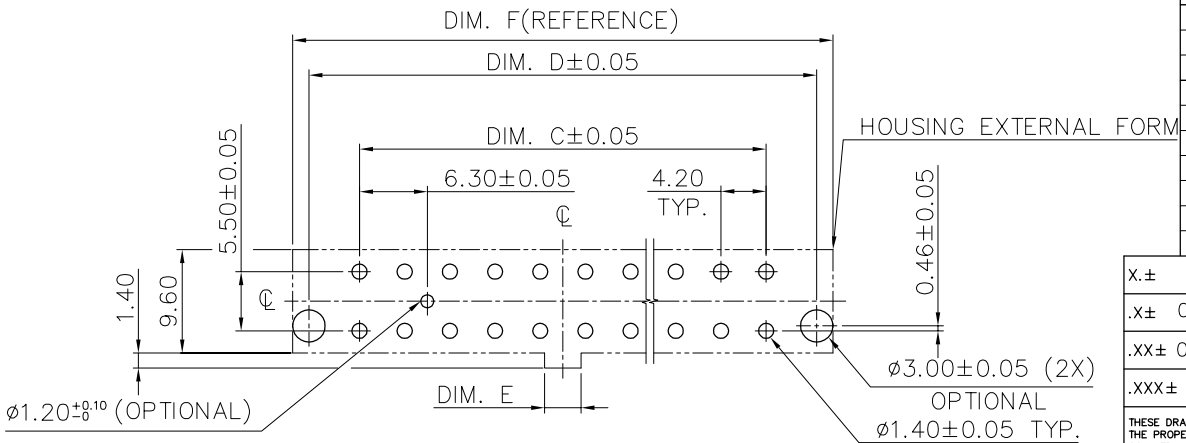
5. PLEASE CONTACT FOXCONN SALES REPRESENTATIVE TO VERIFY PRODUCT DETAILS&AVAILABILITY.
6. HARMFUL MATERIAL CONTROL PLEASE FOLLOW FOXCONN'S DOC. "EPI12".







PART No.	No. OF POS.	DIM. A	DIM. B	DIM. C	DIM. D	DIM. F	DIM.G
HM3512*–***	12/24	51.60	50.00	46.20	55.60	57.60	57.60
HM3511*–***	11/22	47.40	45.80	42.00	51.40	53.40	53.40
HM3510*–***	10/20	43.20	41.60	37.80	47.20	49.20	49.20
HM3509*–***	9/18	39.00	37.40	33.60	43.00	45.00	45.00
HM3508*–***	8/16	34.80	33.20	29.40	38.80	40.80	40.80
HM3507*–***	7/14	30.60	29.00	25.20	34.60	36.60	36.60
HM3506*–***	6/12	26.40	24.80	21.00	30.40	32.40	32.40
HM3505*–***	5/10	22.20	20.60	16.80	26.20	28.20	28.20
HM3504*–***	4/8	18.00	16.40	12.60	22.00	24.00	24.00
HM3503*–***	3/6	13.80	12.20	8.40	17.80	19.80	19.80
HM3502*–***	2/4	9.60	8.00	4.20	13.60	15.60	15.60



RECOMMENDED P.C.B. LAYOUT

X.±	X.°±	UNITS mm	NAME(INTENDED USE): POWER CONN.
.X± 0.38	.X°±	MAT'L	
.XX± 0.25	.XX°±		
.XXX±	.XXX°±	FINISH	
		Q'TY	

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

PART No.(INTENDED USE): HM35 SERIES

TITLE: CUSTOMER DRAWING PLUG,SHROUDED,VERTICAL,T/H

APPD: Yusan

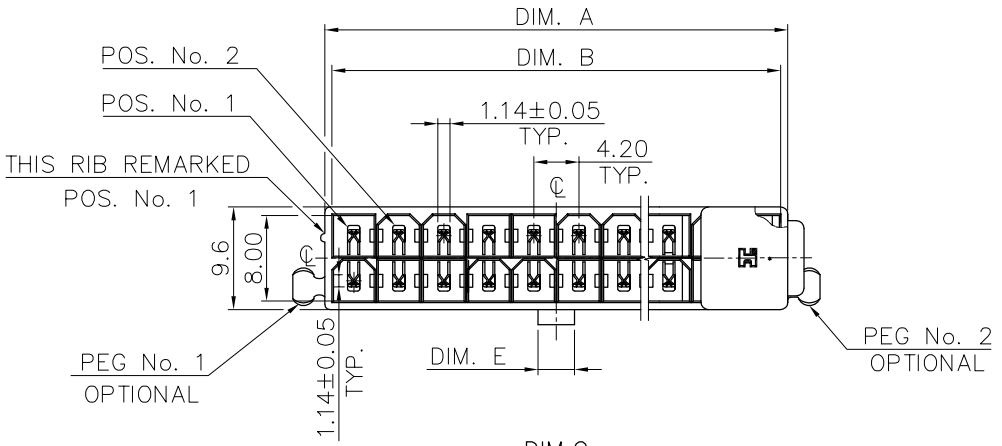
DWG No.: 307–0100–319

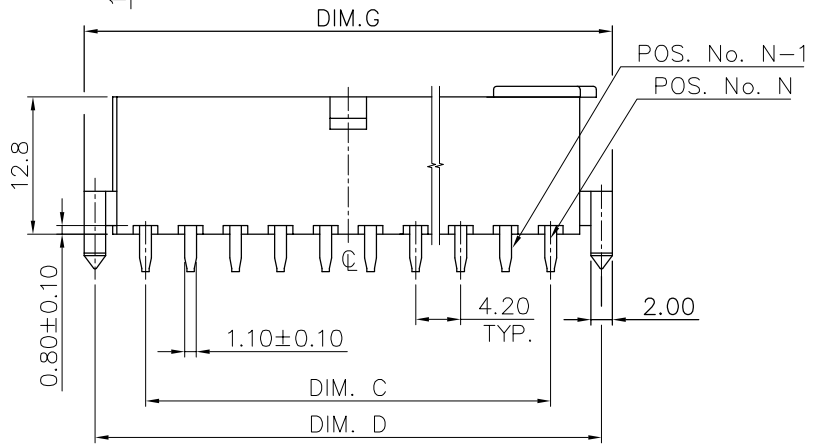
CHKD: D.J.Chen

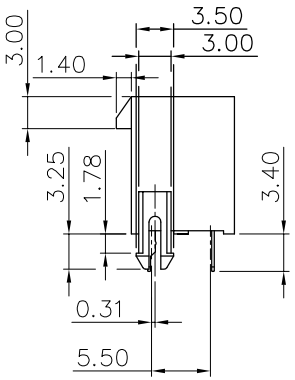
DR: Tim Zeng 5/13'09

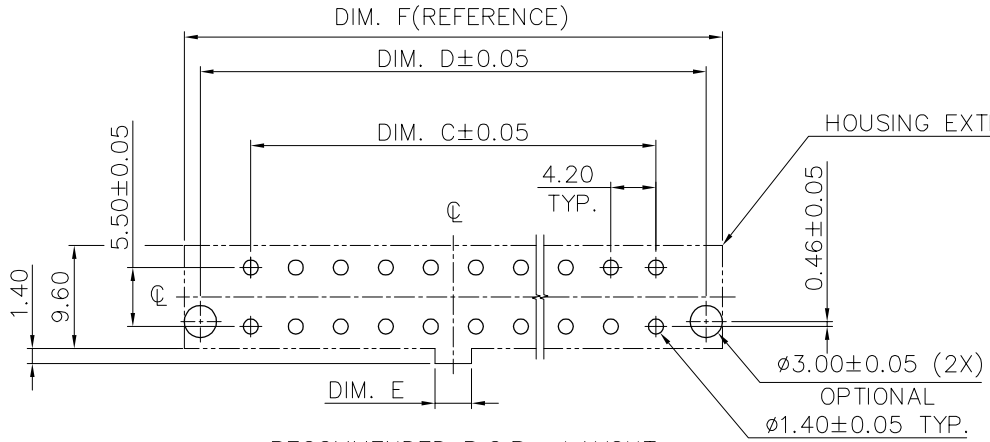
SCALE	SHEET	REV.
N/A	1/2	DX6

REV.	ECN No.	APPD.









RECOMMENDED P.C.B. LAYOUT

PART No.	No. OF POS.	DIM. A	DIM. B	DIM. C	DIM. D	DIM. F	DIM. G
HM3512*−***	12/24	51.6	50.00	46.20	55.6	57.6	57.6

X.±	X°±	UNITS mm	NAME(INTENDED USE) POWER CONN.
.x± 0.38	.x°±	MAT'L	
.xx± 0.25	.xx°±		PART No.(INTENDED USE) HM35 SERIES
.xxx±	.xxx°±	FINISH	APPD: Jake W.Yuan
		Q'TY	CHKD: D.J.Chen
			DR: Tim Zeng 5/13'09

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

TITLE: CUSTOMER DRAWING
PLUG,SHROUDED,VERTICAL,T/H

DWG No.: 307−0100−319

SCALE	SHEET	REV.
N/A	2/2	DX6

REV.	ECN. NO.	APPD.
A	HC982447	Dick Lee 10.3'98
B	HC990023	Dick Lee 1/4'99
C	HC991494	Dick Lee 5/7'99
D	MC000668	Y.K.Liu 3/11/'00
E	MC012543	Yihsin Chen 9/17'01
F	IC027608	Yihsin Chen 10/21,02
G	HC048095	Ady Zhou 9/6'04
H	HC0410461	Ady Zhou 11/20'04
J	HC057399	Yusan 7/27'05
K	BC077052105	Yusan
L	BC077082703	Yusan
M	BC087045287	Jake W.Yuan
N	BC087068504	Jake W.Yuan
P	BC097001984	Yusan

H M ** ** * – (*) * * * *

SEE REMARK

COLOR OPTIONAL
NONE: NATURE COLOR
B: BLACK COLOR

INTERNAL CODE
NONE=RoHS PROUDCT
H=RoHS & HALOGEN FREE

MATERIAL OPTIONAL
NONE: HALOGEN MATERIAL
C: HALOGEN FREE MATERIAL,PPA
L: HIGH TEMPERATURE HALOGEN FREE MATERIAL
B: THERMOPLASTIC HALOGEN FREE MATERIAL

CODE	DESCRIPTION			
	PEG	PEG WIDTH	POST	PIN MISSING
NONE	NONE	N/A	NONE	FULL PIN
P1	PEG #1	3.50mm	NONE	FULL PIN
P2	PEG #1 & PEG #2	3.50mm	NONE	FULL PIN
P4	PEG #1 & PEG #2	3.20mm	NONE	FULL PIN
P5	PEG #1 & PEG #2	3.00mm	NONE	FULL PIN
P6	PEG #1	3.00mm	NONE	FULL PIN
S1	PEG #2	3.50mm	NONE	19th PIN OMITTED
S2	PEG #1 & PEG #2	3.50mm	NONE	19th PIN OMITTED
S3	NONE	N/A	NONE	19th PIN OMITTED
S4	NONE	N/A	NONE	6th,7th&17th&18th PINS OMITTED
S5	NONE	N/A	NONE	1st, 2nd&11st PINS OMITTED
S6	PEG #1 & PEG #2	3.50mm	NONE	1st, 2nd&11st PINS OMITTED
S7	PEG #2	3.50mm	NONE	FULL PIN
S8	NONE	N/A	NONE	20th PIN OMITTED
S9	PEG #1	3.50mm	NONE	1th PIN OMITTED
G1	NONE	N/A	MIDDLE POST	FULL PIN
G2	NONE	N/A	RIGHT POST	FULL PIN
G3	NONE	N/A	LEFT POST	FULL PIN
G5	NONE	N/A	MIDDLE POST	1st, 2nd&11st PINS OMITTED
A	NONE	N/A	NONE	FULL PIN
G7	ONE MIDDLE PEG	3.50mm	NONE	FULL PIN

REMARK:

H : CONTACT CURRENT RATING,HIGH CURRENT RATING
E : WIDTH LATCH, DIM.E = DIM.C
K : WIDTH LATCH, DIM.E = 7.60
F : WIDTH LATCH, DIM.E = 24.30; HOUSING COVERED WITH CAP
D : WIDTH LATCH,DIM.E=24.30,HOUSING COVERED WITHOUT CAP
M : CHAMFER TYPE II
N : CHAMFER TYPE III
T : HIGH CURRENT RATING,WIDTH LATCH, DIM.E = DIM.C
NONE: STANDARD PROU. DIM.E = 3.40

PLEASE CONTACT FOXCONN SALES REPRESENTATIVE TO VERIFY PRODUCT DETAIL&AVAILABILITY.
THE CONCENTRATIONS OF Br&Cl CAN SATISFY THE REQUIREMENTS OF HALOGEN–FREE IN FOXCONN'S DOC "EPI12".

X.±	X.°±	UNITS	NAME(INTENDED USE) POWER CONN.	FOXCONN HON HAI PRECISION IND. CO.,LTD. TAIPEI, TAIWAN, R.O.C.	
.X±	.X°±	MAT'L			
.XX±	.XX°±		PART NO.(INTENDED USE) HM SERIES	TITLE: CUSTOMER DRAWING	
.XXX±	.XXX°±	FINISH	APPD: Jake W.Yuan	DWG NO.: 307–0000–375	
			CHKD: D.J.Chen	SCALE N/A	SHEET 1/1
		Q'TY	DR: Tim Zeng 5/13'09		REV. PX1

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