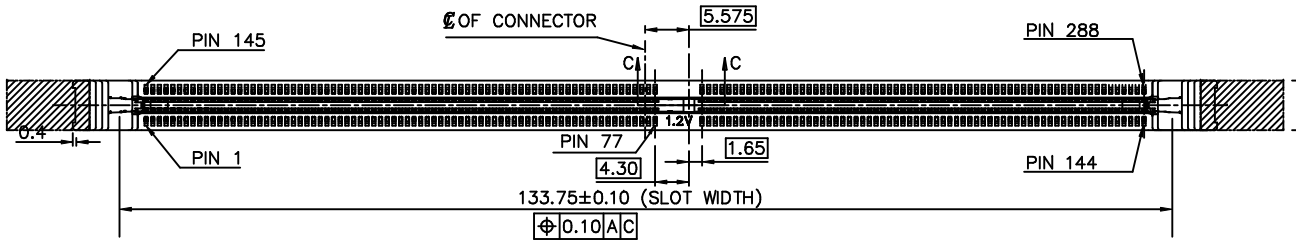
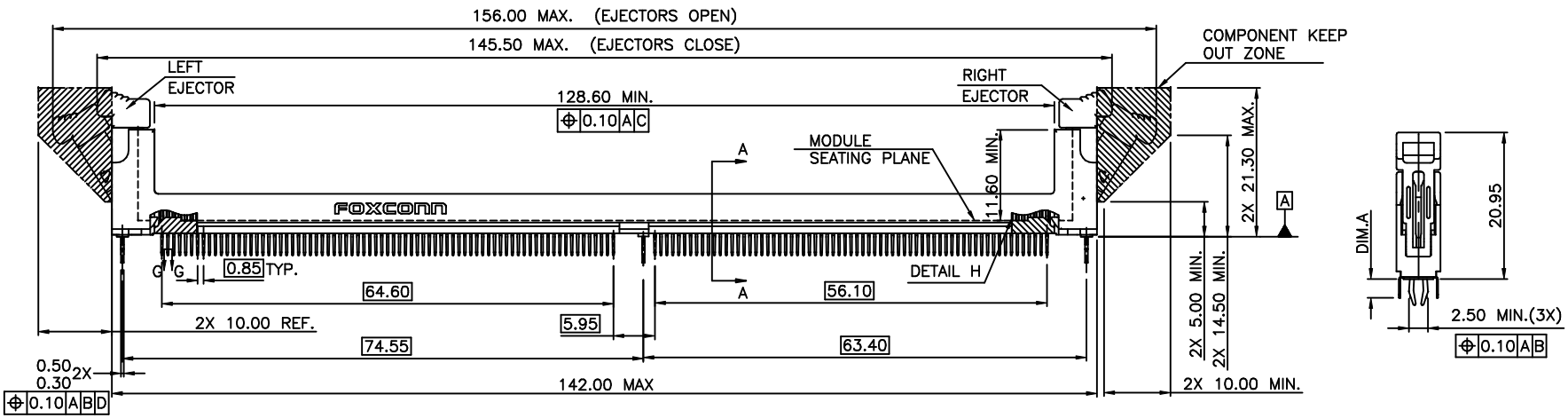
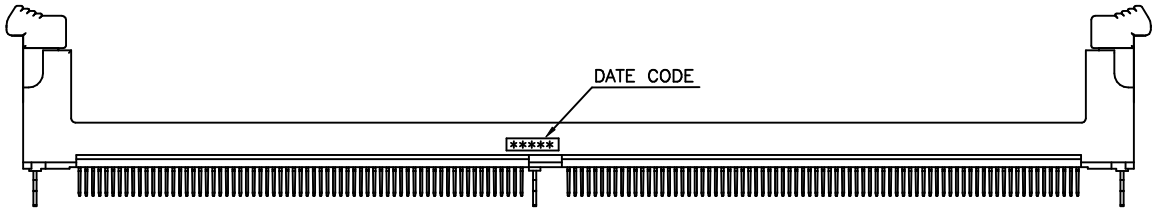
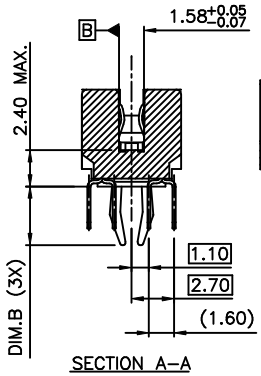
REV.	ECN. NO.	APPD.
A	BC-15-0008181	Davy Bu 2/4'15
B	BC-16-0002467	Davy Bu 1/15'16
C	BC-17-0027564	Davy Bu 9/13'17
CX1	20171117	Davy Bu 11/17'17



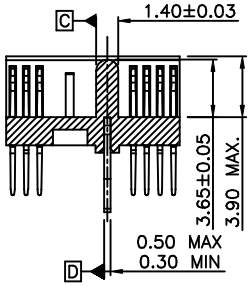
NOTES: UNLESS OTHERWISE SPECIFIED:
1. ALL DIMENSIONS ARE IN MILLIMETER.
2. INTERPRET DRAWINGS PER ASME Y14.5M-1994.



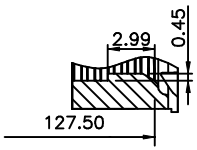




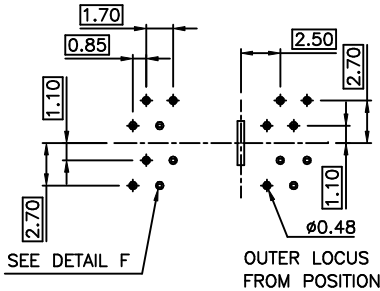
SECTION A-A
SCALE: 2:1



SECTION C-C
SCALE: 2:1



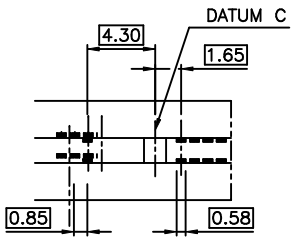
DETAIL H
SCALE: 2:1



DETAIL F

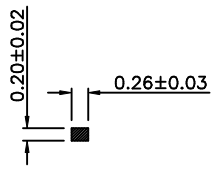
OUTER LOCUS OF CONNECTOR SOLDER PIN TAILS

OUTER LOCUS OF PIN FROM POSITIONAL TOLERANCE AND FEATURE SIZE (BOUNDING WIDTH)



OUTER LOCUS OF CONTACT PIN FROM POSITIONAL TOLERANCE AND FEATURE SIZE (BOUNDING WIDTH)

OUTER LOCUS OF CONNECTOR CONTACT PIN



SECTION G-G
SCALE: 8:1

X.±	X°±	UNITS	mm
.x± 0.25	.x°±	MAT'L	N/A
.xx± 0.15	.xx°±	FINISH	N/A
.XXX±	.XXX°±	Q'TY	N/A

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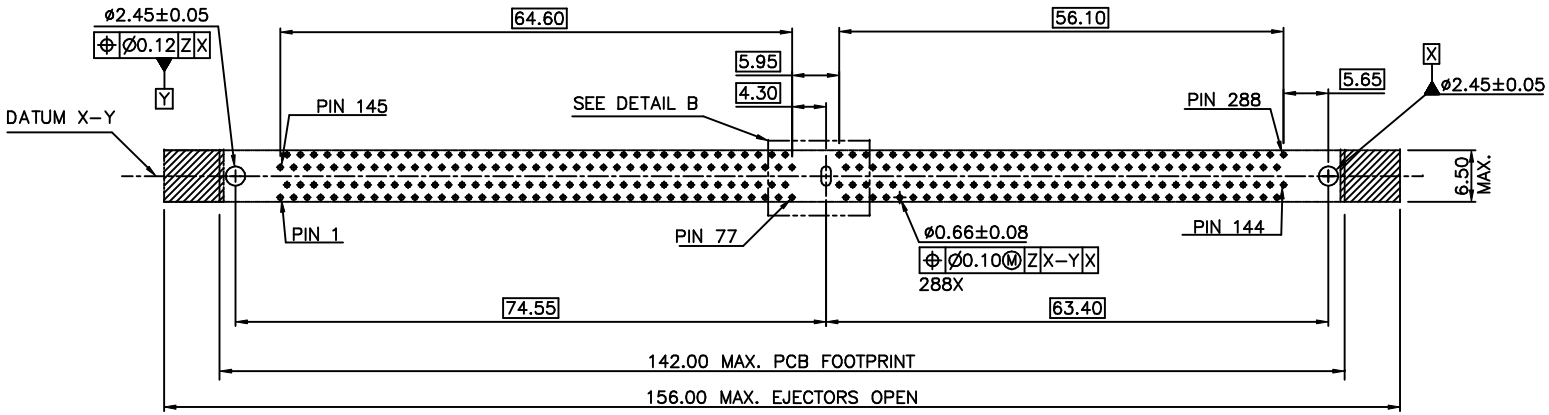
NAME(INTENDED USE): DDR4, 288 PIN 0.85mm PITCH,T/H
PART NO.(INTENDED USE): AH088**-A9**G-**
APPD: Davy Bu 11/17'17
CHKD: Johnny Tang 11/17'17
DR: Cohen Xie 11/17'17

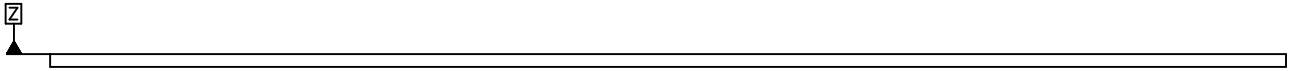
FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
CLASS: ☐SECRET ☐CONFIDENTIAL ■GENERAL
TITLE: CUSTOMER DRAWING
DWG NO.: 317-0000-2397

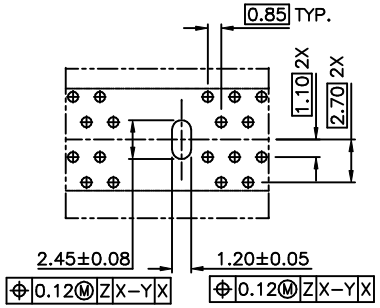
SCALE	SHEET	REV.
N/A	1/4	CX1

PART NUMBER	DIM. A CONTACT TAIL	DIM. B METAL BOARD LOCK
AH0882*-A9**G-**	2.10±0.25	3.78±0.25
AH0884*-A9**G-**	2.40±0.25	3.78±0.25
AH0881*-A9**G-**	2.67±0.25	3.78±0.25
AH0880*-A9**G-**	3.18±0.25	4.57±0.25
AH0883*-A9**G-**	2.95±0.25	4.57±0.25
AH0886*-A9**G-**	3.50±0.25	4.57±0.25

REV.	ECN. NO.	APPD.

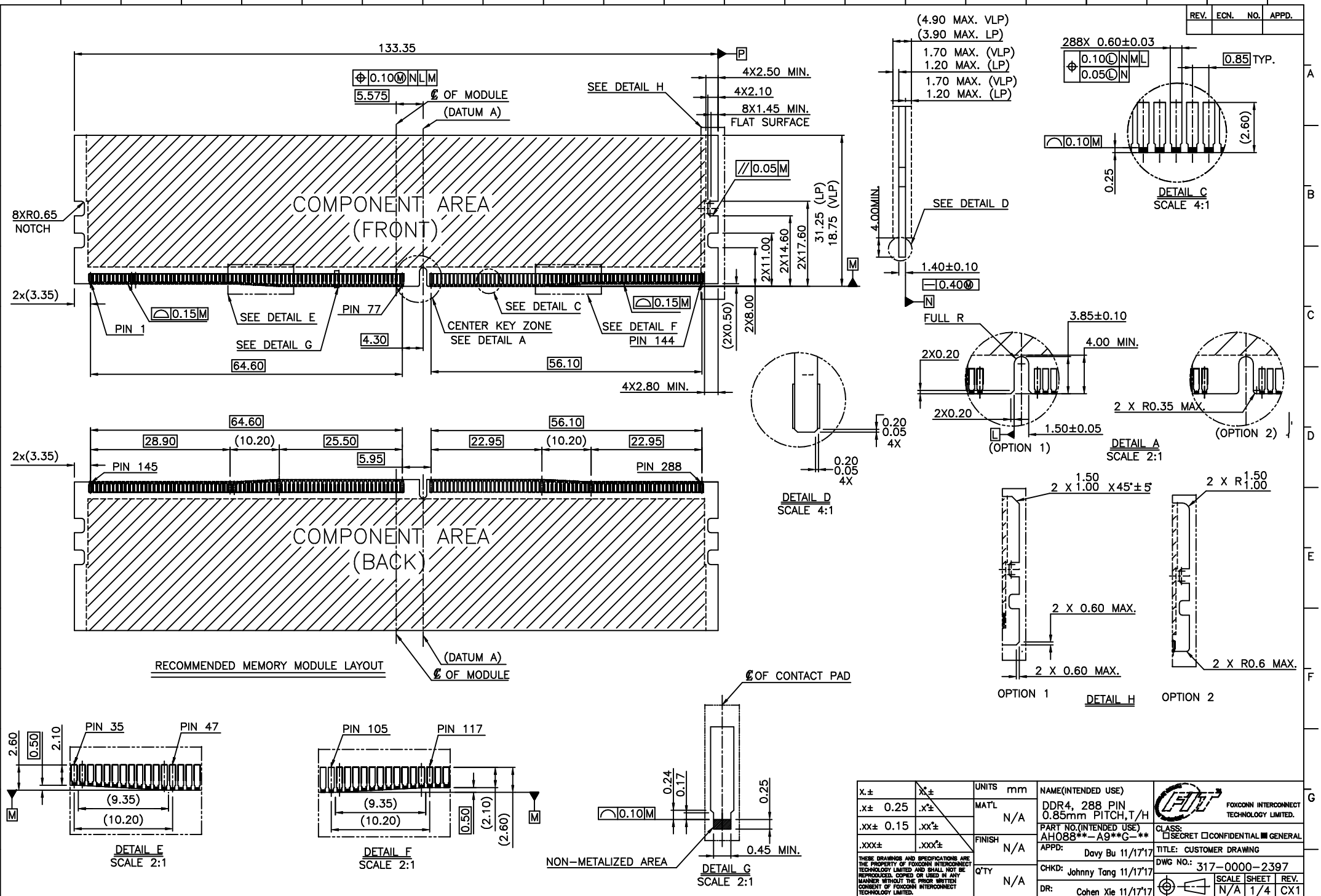






DETAIL B

X.±	X°±	UNITS mm	NAME(INTENDED USE)	FOXCONN INTERCONNECT TECHNOLOGY LIMITED.	
.x± 0.25	.x°±	MAT'L N/A	DDR4, 288 PIN 0.85mm PITCH,T/H		
.xx± 0.15	.xx°±		PART NO.(INTENDED USE) AH088**-A9**G-**	CLASS: ☐SECRET ☐CONFIDENTIAL ■GENERAL	
.XXX±	.XXX°±	FINISH N/A	APPD: Davy Bu 11/17'17	TITLE: CUSTOMER DRAWING	
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			DR: Cohen Xie 11/17'17	SCALE N/A | SHEET 1/4 | REV. CX1	



X.±	X.±	UNITS mm	NAME(INTENDED USE) DDR4, 288 PIN 0.85mm PITCH,T/H
.x± 0.25	.x±	MAT'L N/A	PART NO.(INTENDED USE) AH088**-A9**G-**
.xx± 0.15	.xx±	FINISH N/A	APPD: Davy Bu 11/17'17
.XXX±	.XXX±	Q'TY N/A	CHKD: Johnny Tang 11/17'17
			DR: Cohen Xie 11/17'17

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FOXCONN INTERCONNECT TECHNOLOGY LIMITED.

CLASS: ☐SECRET ☐CONFIDENTIAL ■GENERAL

TITLE: CUSTOMER DRAWING

DWG NO.: 317-0000-2397

SCALE	SHEET	REV.
N/A	1/4	CX1

REV.	ECN. NO.	APPD.

SPECIFICATION:

1. PHYSICAL:

1-1. HOUSING:
PA46, UL 94V-0, COLOR: SEE PRODUCT NOMENCLATURE

1-2. CONTACT:
COPPER ALLOY, NICKEL PLATING THICKNESS 90 u" MIN. ON CONTACT AREA, 50 u" MIN. ON OTHER AREA.
MATTE TIN LEAD FREE PLATING, THICKNESS 100 u" MIN. AT TAILS, GOLD PLATING AT CONTACT AREA. THICKNESS REFER TO PRODUCT NOMENCLATURE.

1-3. EJECTOR:
THERMOPLASTIC, UL 94V-0, COLOR: SEE PRODUCT NOMENCLATURE

1-4. METAL BOARD LOCK: COPPER ALLOY.
NICKEL PLATING OVER ALL THICKNESS 50 u" MIN.
MATTE TIN PLATING OVER NICKEL THICKNESS AT 100u" MIN.

2. ELECTRICAL CHARACTERISTICS:

2-1. CONTACT CURRENT RATING: 0.75 AMPS MAX.

2-2. INSULATION RESISTANCE: 1 MEGOHMS MIN. AT 500 VDC.

2-3. DIELECTRIC WITHSTANDING VOLTAGE: 500 VDC AT SEA LEVEL.

2-4. LOW LEVEL CONTACT RESISTANCE (DRY CIRCUIT):
INITIAL: 10 MILLIOHMS MAX.
FINAL: 20 MILLIOHMS MAX. AFTER FULL ENVIRONMENTAL TESTING.

3. MECHANICAL CHARACTERISTICS:

3-1. CONTACT RETENTION FORCE: 0.30 KG. (0.66 LBS) MIN. PER PIN.

3-2. DURABILITY: 25 CYCLES.

3-3. UNMATING FORCE (PER CONTACT PAIR): 14 g MIN.

3-4. INSERTION FORCE OF MODULE INTO CONNECTOR: 10.88 KG (24 LBS) MAX.

3-5. INSERTION FORCE OF CONNECTOR INTO PCB (WITH THREE BOARD LOCKS): 7.65 KG (17 LBS) MAX.

4. ENVIRONMENTAL CHARACTERISTICS:

4-1. SOLDERABILITY: PASSED PER EIA-364-52, CLASS 2, CATEGORY 3.
WAVE SOLDER REFERENCE PROFILE:
PREHEATING TEMPERATURE 25~140 Degree & 80s Min. SOLDERING TEMPERATURE 260 Degree & 5s.

4-2. VIBRATION: PASSED PER EIA-364-28.

4-3. HUMIDITY: PASSED PER EIA-364-31.

4-4. THERMAL SHOCK: PASSED PER EIA-364-32.

4-5. OPERATING TEMPERATURE: 0°C TO 85°C.

4-6. MECHANICAL SHOCK: PASSED PER EIA-364-27.

PRODUCT NOMENCLATURE:

PRODUCT NO. : A H0 8 8 * * - A 9 * * G - 4 *

MEMORY SOCKET

DDR4 DIMM
VERTICAL 0.85 mm PITCH.
T/H TYPE

Q'TY OF CONTACTS:
88 = 288 POSITION

TAIL LENGTH:
0 = 3.18 mm
1 = 2.67 mm
2 = 2.10 mm
3 = 2.95 mm
4 = 2.40 mm
6 = 3.50 mm

EXTENSION CODE
A9B1G = BLACK HOUSING & WHITE EJECTOR
A9B2G = BLACK HOUSING & BLACK EJECTOR
A9V1G = WHITE HOUSING & WHITE EJECTOR
A9L1G = BLUE HOUSING & WHITE EJECTOR
A9L2G = BLUE HOUSING & BLUE EJECTOR
A9Y1G = YELLOW HOUSING & WHITE EJECTOR
A9G1G = GREEN HOUSING & WHITE EJECTOR
A9L3G = BLUE HOUSING & BLACK EJECTOR
A9B3G = BLACK HOUSING & BLUE EJECTOR

CONTACT AREA GOLD PLATING
1 = GOLD FLASH
3 = 30 u"
7 = 15 u"

4 = SOFT TRAY

F = LEAD FREE & RoHS COMPLIANCE

X.±	X°±	UNITS mm	NAME(INTENDED USE): DDR4, 288 PIN 0.85mm PITCH,T/H
.x± 0.25	.x°±	MAT'L N/A	PART NO.(INTENDED USE): AH088**-A9**G-**
.xx± 0.15	.xx°±	FINISH N/A	APPD: Davy Bu 11/17'17
.XXX±	.XXX°±	Q'TY N/A	CHKD: Johnny Tang 11/17'17
			DR: Cohen Xie 11/17'17

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SCALE	SHEET	REV.
N/A	1/4	CX1