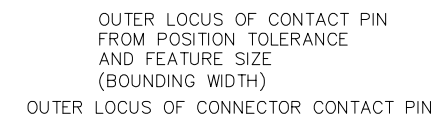
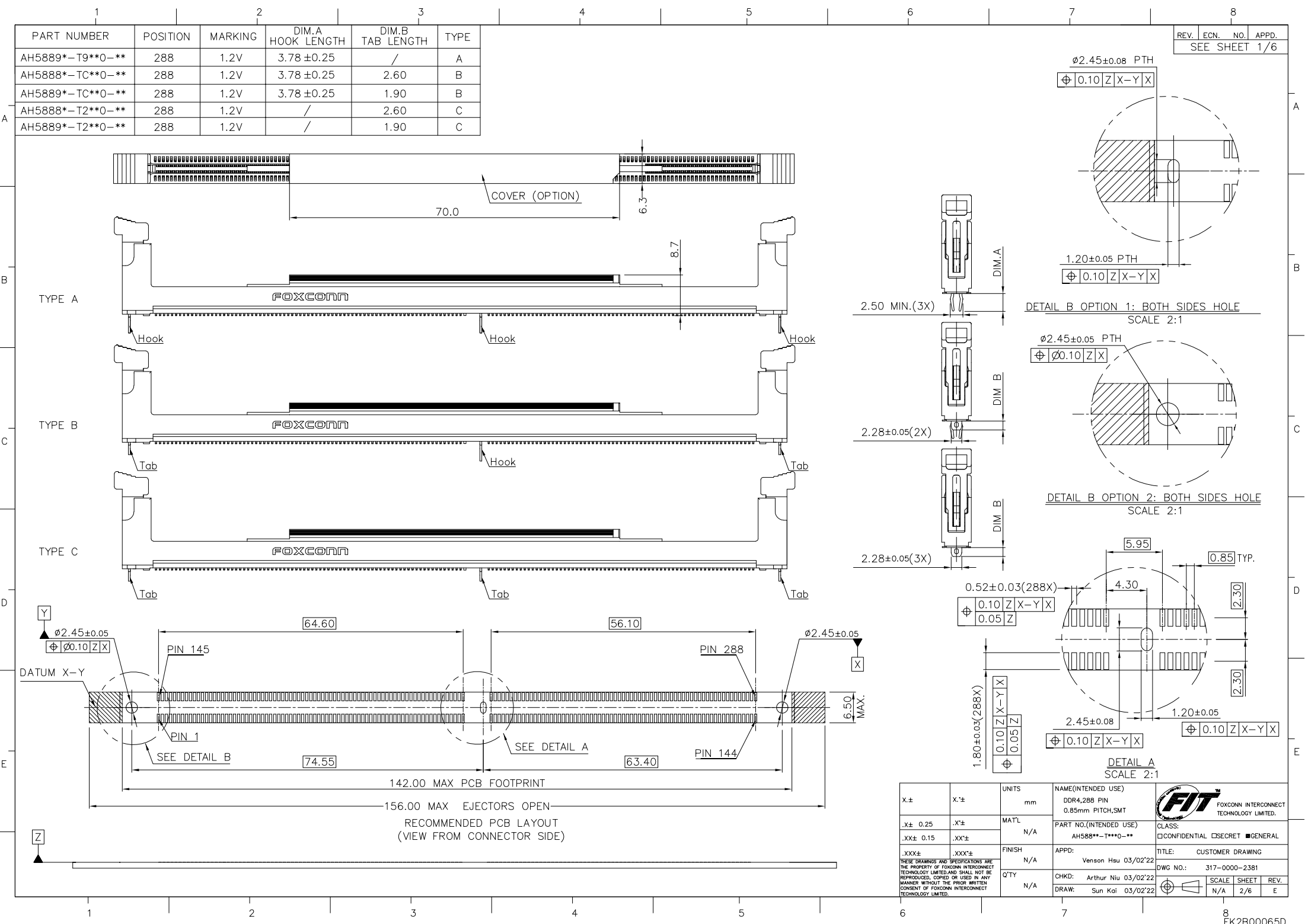


REV.	ECN.	NO.	APPD.
A	BC-16-0017537		Davy Bu 5/6/16
B	BC-21-0025405		Venson Hsu 9/8/21
C	BC-21-0026040		Venson Hsu 9/14/21
D	BC-21-0025384		Venson Hsu 10/12/21
E	BC-22-0005114		Venson Hsu 03/02/22

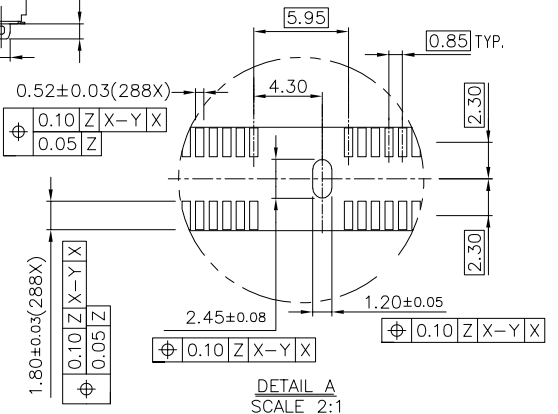
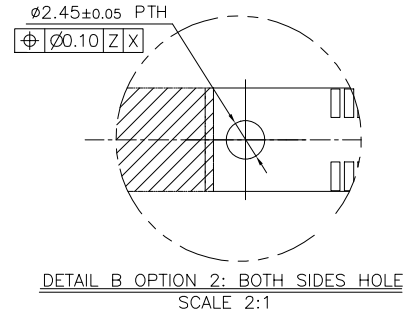
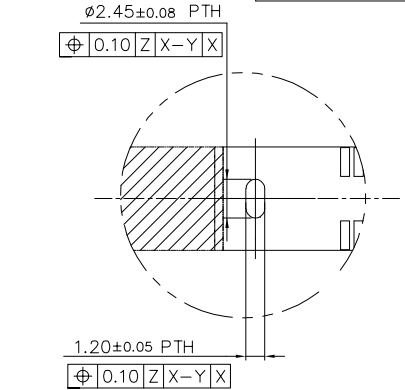
- A

A



PART NUMBER	POSITION	MARKING	DIM.A HOOK LENGTH	DIM.B TAB LENGTH	TYPE
AH5889*-T9**O-**-	288	1.2V	3.78 ±0.25	/	A
AH5888*-TC**O-**-	288	1.2V	3.78 ±0.25	2.60	B
AH5889*-TC**O-**-	288	1.2V	3.78 ±0.25	1.90	B
AH5888*-T2**O-**-	288	1.2V	/	2.60	C
AH5889*-T2**O-**-	288	1.2V	/	1.90	C

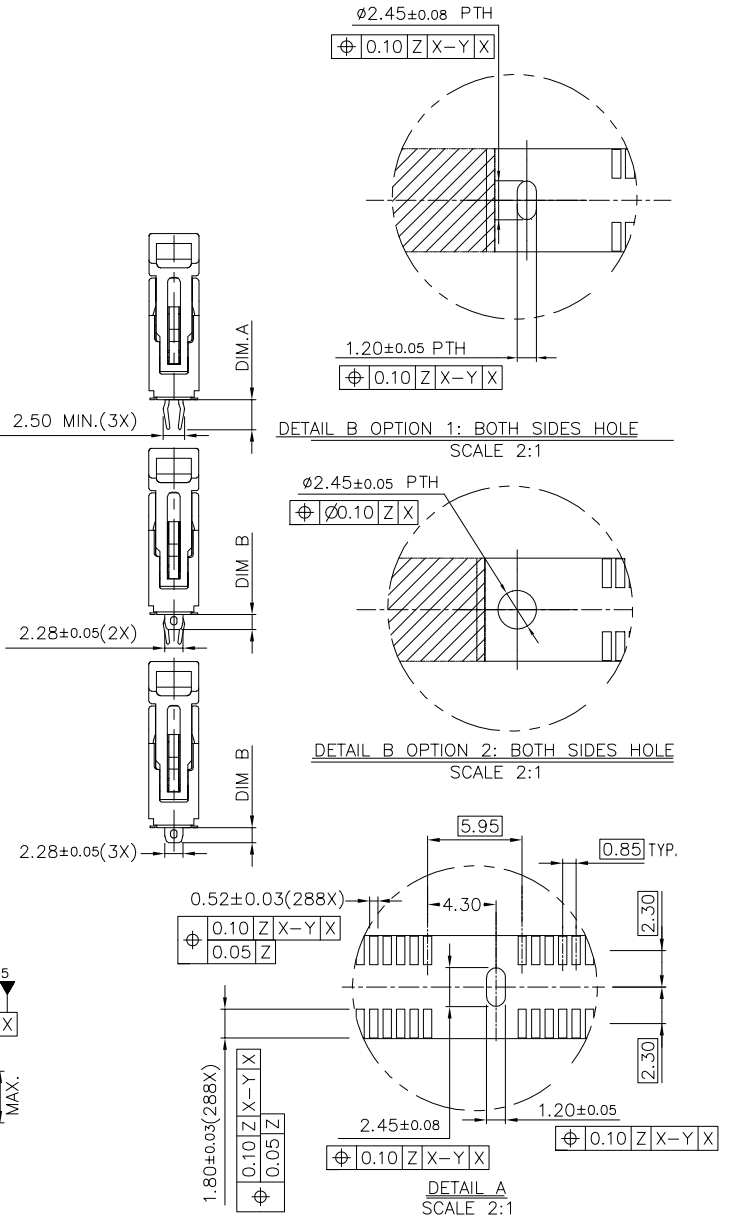
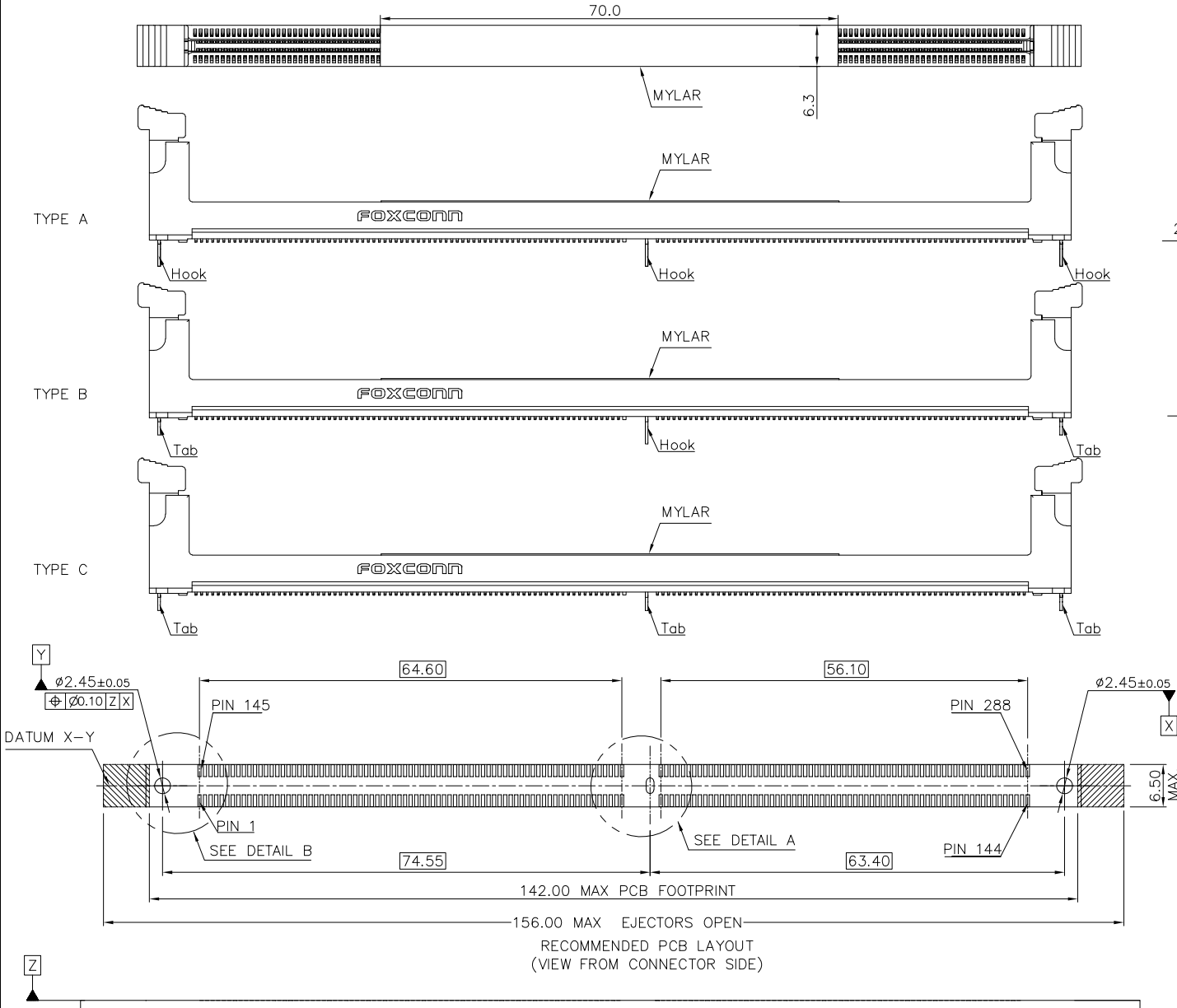
REV.	ECN.	NO.	APPD.
SEE SHEET 1/6			



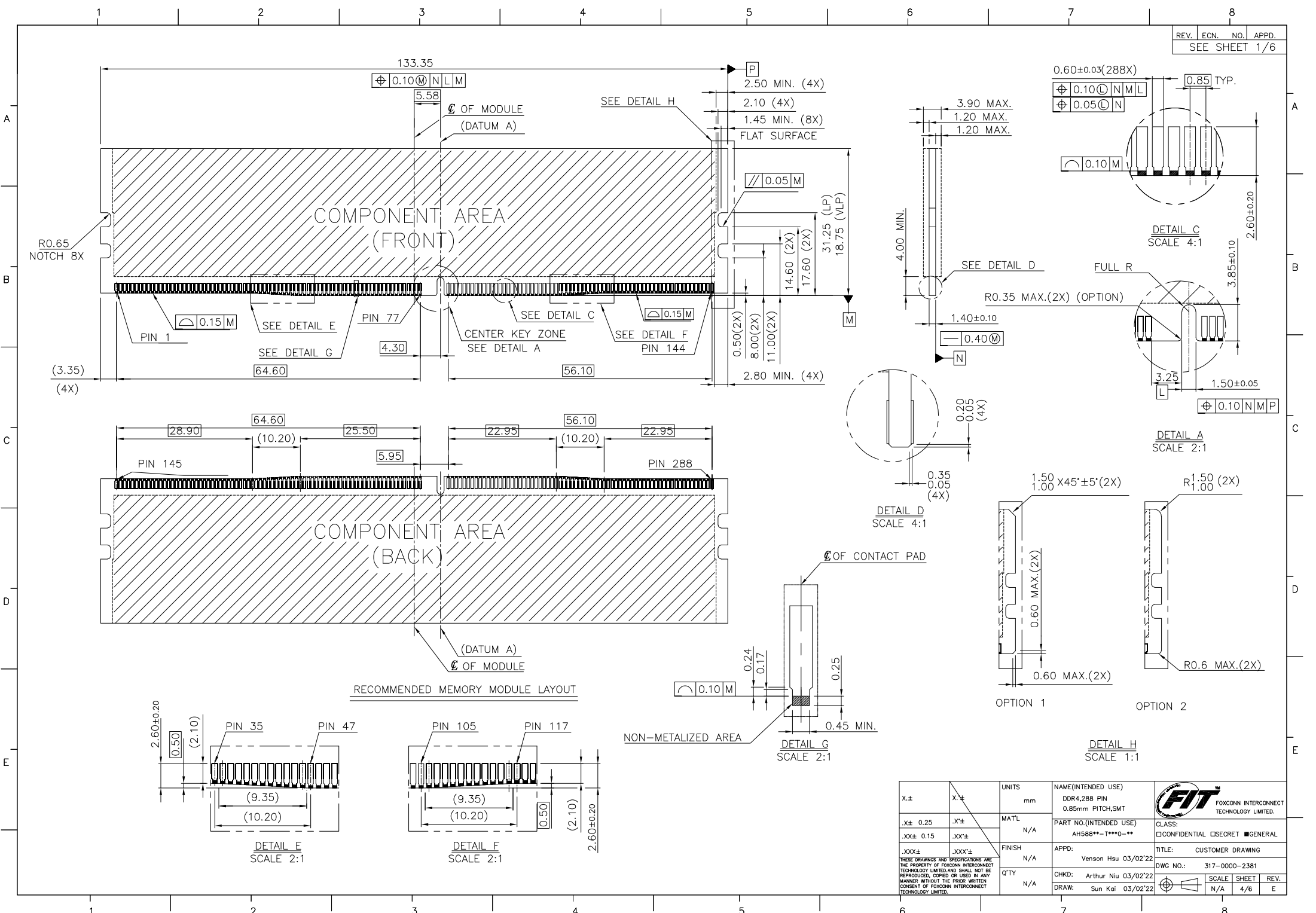
X.±	X.±	UNITS mm	NAME(INTENDED USE) DDR4,288 PIN 0.85mm PITCH,SMT	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X± 0.25	.X'±	MAT'L	PART NO.(INTENDED USE) AH588**~T***O-**-	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XX± 0.15	.XX'±	N/A	APPD: Venson Hsu 03/02'22	TITLE: CUSTOMER DRAWING
.XXX±	.XXX'±	FINISH N/A	Q'TY N/A	DWG NO.: 317-0000-2381
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CHKD: Arthur Niu 03/02'22				SHEET 2/6
DRAW: Sun Kai 03/02'22				REV. E

PART NUMBER	POSITION	MARKING	DIM.A HOOK LENGTH	DIM.B TAB LENGTH	TYPE
AH5889*-T9**0-**-	288	1.2V	3.78 ±0.25	/	A
AH5888*-TC**0-**-	288	1.2V	3.78 ±0.25	2.60	B
AH5889*-TC**0-**-	288	1.2V	3.78 ±0.25	1.90	B
AH5888*-T2**0-**-	288	1.2V	/	2.60	C
AH5889*-T2**0-**-	288	1.2V	/	1.90	C

REV.	ECN.	NO.	APPD.
SEE SHEET 1/6			

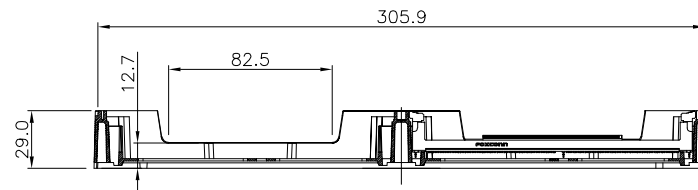
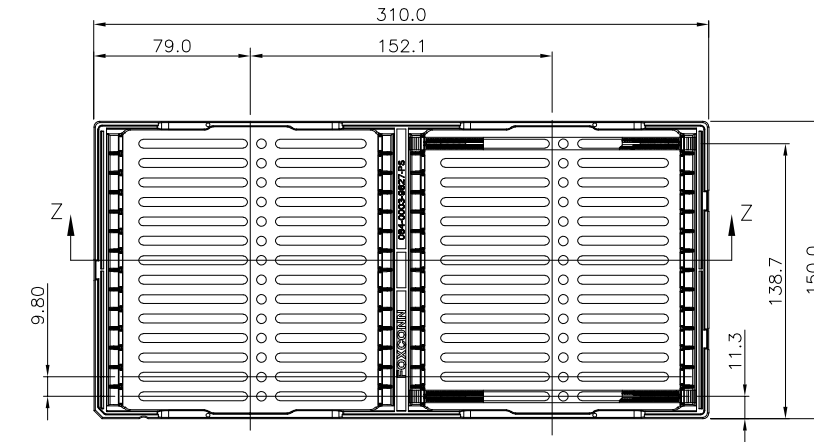


X.±	X'.±	UNITS mm	NAME(INTENDED USE) DDR4,288 PIN 0.85mm PITCH,SMT	FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
X.± 0.25	.X'±	MAT'L N/A	PART NO.(INTENDED USE) AH588**-T***0-**-	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XX± 0.15	.XX'±	FINISH N/A	APPD: Venson Hsu 03/02/22	TITLE: CUSTOMER DRAWING
.XXX±	.XXX'±	Q'TY N/A	CHKD: Arthur Niu 03/02/22	DWG NO.: 317-0000-2381
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X.±		UNITS	NAME(INTENDED USE)	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
X.±		mm	DDR4,288 PIN 0.85mm PITCH,SMT	
.X± 0.25		MAT'L	PART NO.(INTENDED USE)	CLASS:
.XX± 0.15		N/A	AH588***-T***0-***	CONFIDENTIAL □SECRET ■GENERAL
.XXX±		FINISH	APPD:	TITLE: CUSTOMER DRAWING
.XXX±		N/A	Venson Hsu 03/02'22	DWG NO.: 317-0000-2381
Q'TY		N/A	CHKD: Arthur Niu 03/02'22	SCALE SHEET REV.
			DRAW: Sun Kai 03/02'22	N/A 4/6 E

VIEW FOR PACKAGING TRAY



SECTION Z-Z

14 X 2 = 28 PCS / TRAY

X.±	X'.±	UNITS mm	NAME(INTENDED USE) DDR4,288 PIN 0.85mm PITCH,SMT	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X± 0.25	.X'±	MAT'L N/A	PART NO.(INTENDED USE) AH588**-T***0-**-**	
.XX± 0.15	.XX'±	FINISH N/A	APPD: Venson Hsu 03/02'22	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XXX±	.XXX'±	Q'TY N/A	CHKD: Arthur Niu 03/02'22	TITLE: CUSTOMER DRAWING
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				SHEET 5/6
				REV. E

SPECIFICATION:

1. PHYSICAL:

- 1-1. HOUSING:
HIGH TEMPERATURE THERMOPLASTIC, 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.
TIN LEAD FREE PLATING, THICKNESS 100 u" MIN. AT TAILS,
LUBRICATION OVER 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.

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: 70N MAX for TYPE A.
WITH ONE BOARD LOCK: 25N MAX for TYPE B.

4. ENVIRONMENTAL CHARACTERISTICS:

- 4-1. SOLDERABILITY: PASSED PER EIA-364-52, CLASS 2, CATEGORY 3.
- 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.
- 4-7. MSL LEVEL:MSL(MOISTURE SENSIVITY LEVEL)=2

PRODUCT NOMENCLATURE

PRODUCT NO:

A H5 88 * * - * * * 0 - * *

MEMORY SOCKET

DDR4 DIMM
VERTICAL 0.85mm PITCH
SMT TYPE

Q'TY OF CONTACTS
88= 288 POSITION

BOARD LOCK LENGTH
9= TYPE A WITH 3.78 HOOK OR
TYPE B & C WITH 1.90 TAB
8= TYPE B & C WITH 2.60 TAB

CONTACT AREA GOLD PALTING
3= 30u" Au Min.
7= 15u" Au Min.
1= 1u" Au Min.

PLATING TYPE
F= LEAD FREE
& RoHS COMPLIANCE

1= HARD TRAY ONLY
2= HARD TRAY+MYLAR
3= HARD TRAY+COVER

EXTENSION CODE

T9B10= TYPE A WITH BLACK HOUSING & NATURAL EJECTOR
T9B20= TYPE A WITH BLACK HOUSING & EJECTOR
T9B30= TYPE A WITH BLACK HOUSING & BLUE EJECTOR
T9L10= TYPE A WITH BLUE HOUSING(661C)& NATURAL EJECTOR
T9L20= TYPE A WITH BLUE HOUSING(661C) & EJECTOR(661C)
T9L30= TYPE A WITH BLUE HOUSING(661C)& BLACK EJECTOR
T9V10= TYPE A WITH NATURAL HOUSING & EJECTOR
TCB10= TYPE B WITH BLACK HOUSING & NATURAL EJECTOR
TCB20= TYPE B WITH BLACK HOUSING & EJECTOR
TCB30= TYPE B WITH BLACK HOUSING & BLUE EJECTOR
TCL10= TYPE B WITH BLUE HOUSING(661C)& NATURAL EJECTOR
TCL20= TYPE B WITH BLUE HOUSING(661C) & EJECTOR(661C)
TCL30= TYPE B WITH BLUE HOUSING(661C)& BLACK EJECTOR
TCV10= TYPE B WITH NATURAL HOUSING & EJECTOR
T2B10= TYPE C WITH BLACK HOUSING & NATURAL EJECTOR
T2B20= TYPE C WITH BLACK HOUSING & EJECTOR
T2B30= TYPE C WITH BLACK HOUSING & BLUE EJECTOR
T2L10= TYPE C WITH BLUE HOUSING(661C)& NATURAL EJECTOR
T2L20= TYPE C WITH BLUE HOUSING(661C) & EJECTOR(661C)
T2L30= TYPE C WITH BLUE HOUSING(661C)& BLACK EJECTOR
T2V10= TYPE C WITH NATURAL HOUSING & EJECTOR

X.±	X'.±	UNITS	NAME(INTENDED USE)	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
		mm	DDR4,288 PIN 0.85mm PITCH,SMT	
.X± 0.25	.X'±	MAT'L	PART NO.(INTENDED USE)	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XX± 0.15	.XX'±	N/A	AH588**-T***0-**-**	TITLE: CUSTOMER DRAWING
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			DRAW: Sun Kai 03/02'22	N/A 6/6 E