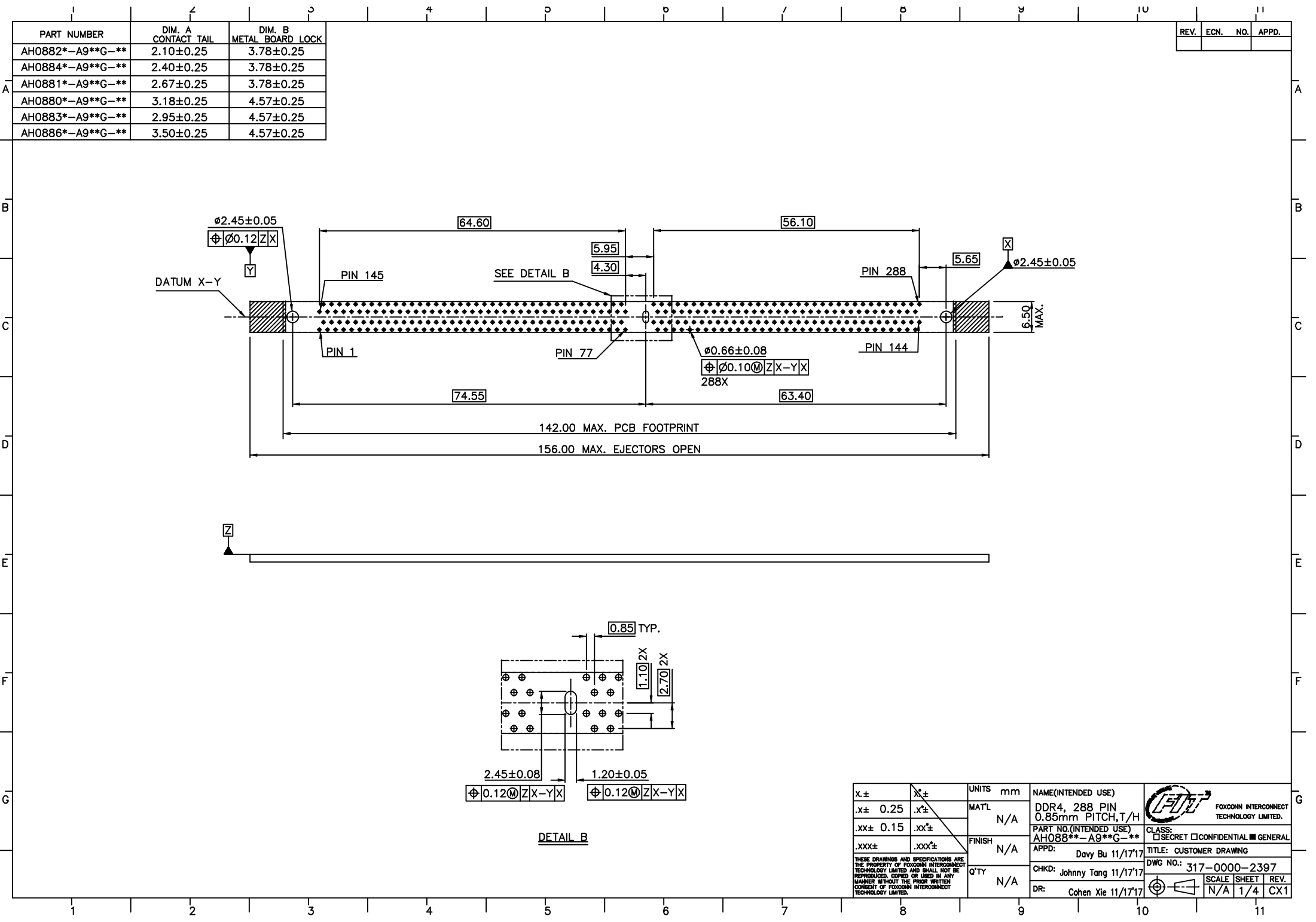
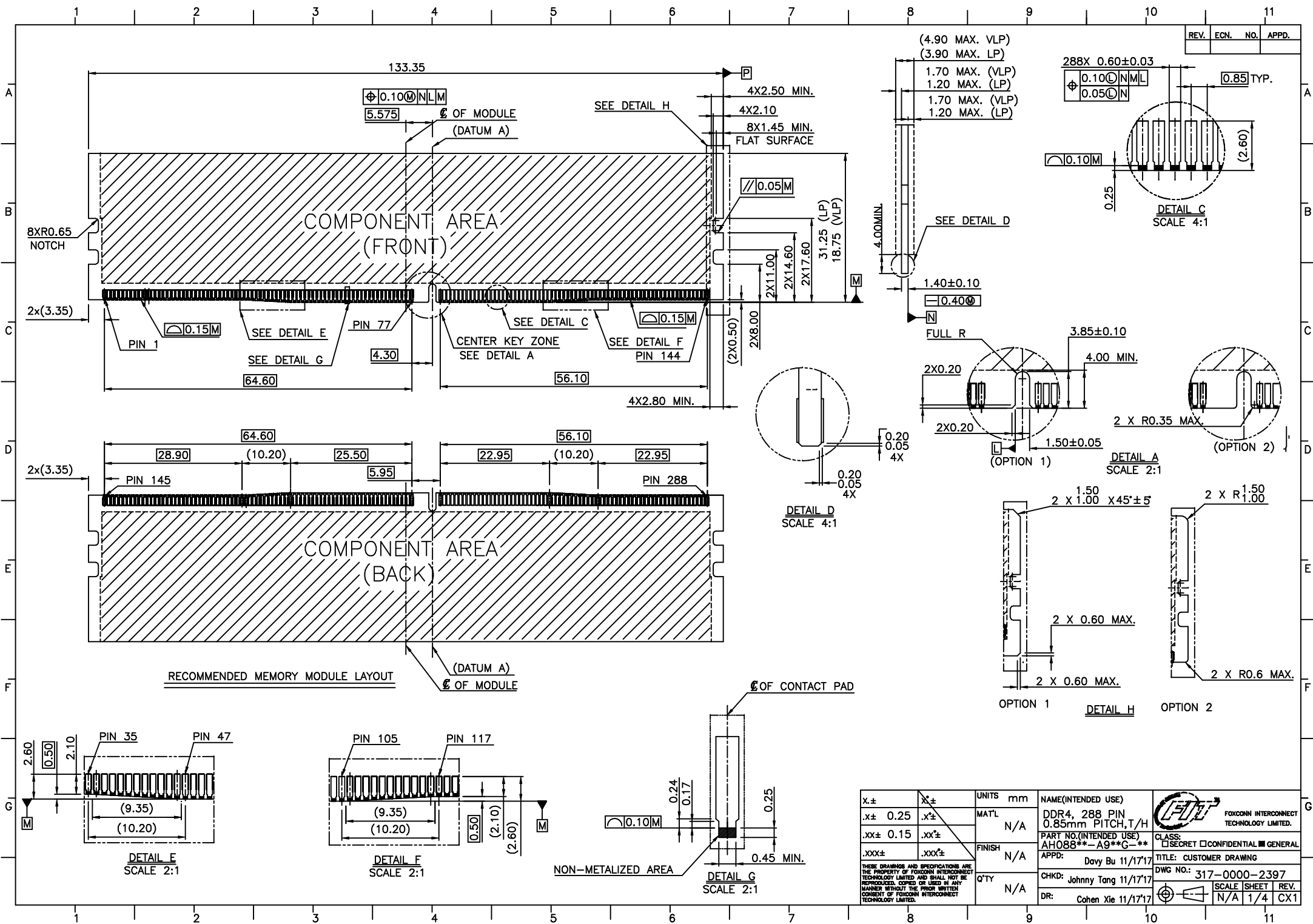






SPECIFICATION:

1. PHYSICAL:

1-1. HOUSING:

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

1-2. CONTACT:

COPPER ALLOY, NICKEL PLATING THICKNESS 90 μ " MIN. ON
CONTACT AREA, 50 μ " MIN. ON OTHER AREA.
MATTE TIN LEAD FREE PLATING, THICKNESS 100 μ " 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 μ " MIN.
MATTE TIN PLATING OVER NICKEL THICKNESS AT 100 μ " 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

F = LEAD FREE
& RoHS COMPLIANCE

4 = SOFT TRAY

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 μ "

7 = 15 μ "

X $\pm$	X $\pm$	UNITS	mm	NAME(INTENDED USE)	
.X $\pm$ 0.25	.X $\pm$	MAT'L	N/A	DDR4, 288 PIN 0.85mm PITCH, T/H	
.XX $\pm$ 0.15	.XX $\pm$	FINISH	N/A	PART NO.(INTENDED USE) AH088*-A9**G-*	CLASS: ☐ SECRET ☐ CONFIDENTIAL ☒ GENERAL
.XXX $\pm$	.XXX $\pm$	Q'TY	N/A	APPD: Davy Bu 11/17/17	TITLE: CUSTOMER DRAWING
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				DR: Cohen Xie 11/17/17	SCALE SHEET REV. N/A 1/4 CX1