

MATERIAL
 CONTACTS: COPPER ALLOY
 INSULATOR: LCP THERMOPLASTIC 94V-0
 WELD TAB: COPPER ALLOY

FINISH
 CONTACTS: 5µ" MIN. GOLD ON MATING END;
 MATTE TIN ON SOLDER
 ALL UNDERPLATED NICKEL
 WELD TAB: MATTE TIN

ELECTRICAL
 CONTACT CURRENT RATING: 2 AMPERE
 VOLTAGE RATING: 275VAC
 MAX CYCLES: 25

ENVIRONMENT
 OPERATION TEMPERATURE: -55°C TO 125°C
 SMT TEMPERATURE: 260°C

THIS PRINT IS
PRELIMINARY
 UNQUALIFIED PRODUCT
 CONTACT PRODUCT ENGINEERING
 BEFORE USING THIS PRINT



TITLE: COM-HPC 400pin Female Connector w/ Weld Tab

DWG#: R-CF-HPC400-8AW1

UNIT: mm

SCALE: A4 5:4

FINISH:

SHEET: 1/3
 REV. REF2

THIRD ANGLE PROJECTION

MATERIAL: RoHS Compliant

APPROVED:

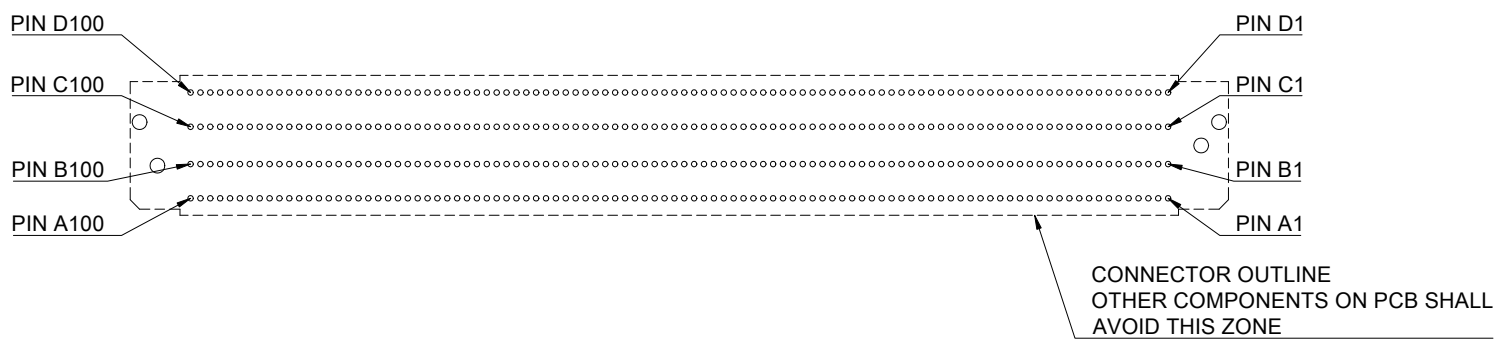
TOLERANCE: Angle: ± 1°
 X: ± 0.25 .X: ± 0.20 .XX: ± 0.15

DRAWN: Ting

DATE: 03/22/2024

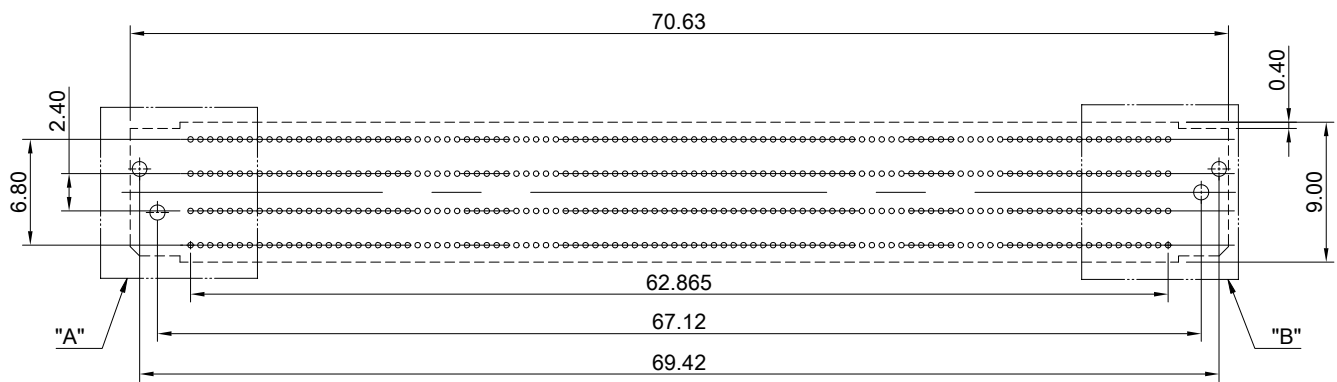
A B C D E F G H

1



2

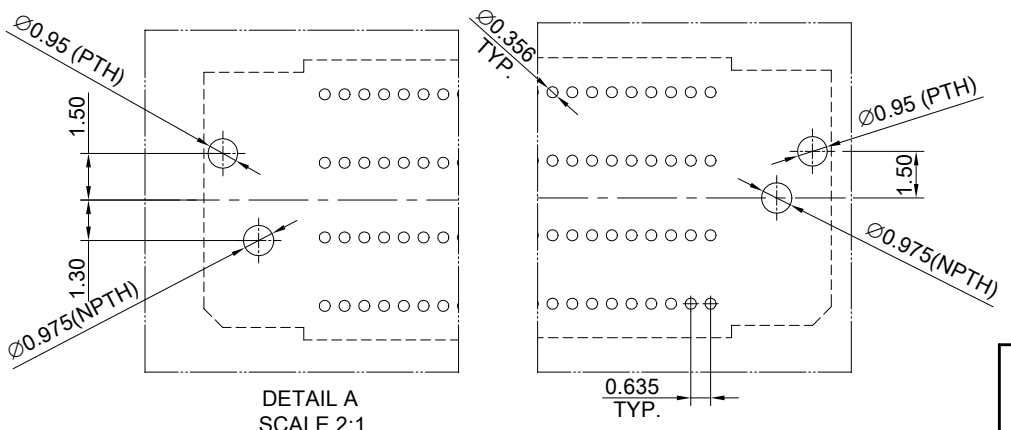
3



4

RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05

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DETAIL A
SCALE 2:1

DETAIL B
SCALE 2:1

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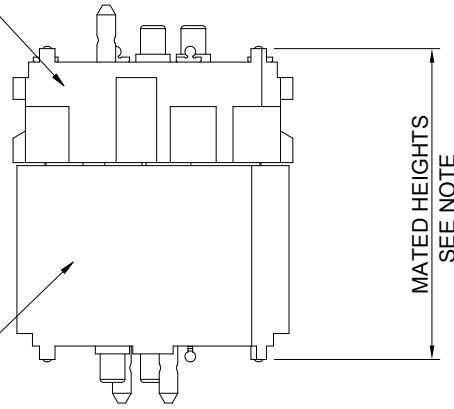
TITLE: COM-HPC 400pin Female Connector w/ Weld Tab			
DWG#: R-CF-HPC400-8AW1		SHEET: 2/3	REV. REF2
UNIT: mm	SCALE: A4 2:1	FINISH:	CHECKED:
THIRD ANGLE PROJECTION		MATERIAL: RoHS Compliant	APPROVED:
TOLERANCE: Angle: ±1° X: ±0.15 .X: ±0.10 .XX: ±0.05		DRAWN: Ting	DATE: 03/22/2024

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A B C D E F G H

FEMALE: R-CF-HPC400-8AW1

MALE: SEE TYPE



TYPE	MATED HEIGHTS
R-CM-HPC400-8AW1	5mm
R-CM-HPC400-8AW2	10mm

NOTE: Processing conditions will affect mated height.

PROCESSING VIEW
 DIMENSION INDICATES CONNECTOR/FIXTURE HEIGHT ON PCB
 TO GUARANTEE ENOUGH REFLOW OVEN WORKING SPACE.
 DIMENSION, PCB THICKNESS, AND THE HEIGHT OF THE COMPONENTS
 ON THE OTHER SIDE OF THE BOARD NEED TO BE CONSIDERED.



RECOMMENDED STENCIL LAYOUT
 ALL DIMENSIONS SYMMETRIC ABOUT CENTERLINE
 STENCIL TO BE 0.125mm THICK

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TITLE: COM-HPC 400pin Female Connector w/ Weld Tab			
DWG#: R-CF-HPC400-8AW1		SHEET: 3/3	REV. REF2
UNIT: mm	SCALE: A4 4:1	CHECKED:	
THIRD ANGLE PROJECTION		APPROVED:	
TOLERANCE: Angle: $\pm 1^\circ$ X: ± 0.15 .X: ± 0.10 .XX: ± 0.05		MATERIAL: RoHS Compliant	DATE: 03/22/2024
		DRAWN: Ting	