

S+C02

NOTE:

MATERIAL:

1. CONTACT: PHOSPHOR BRONZE.
2. CONNECTOR HOUSING: LCP UL 94V-0. COLOR: BLACK.
3. MOULDED INSERT: HIGH TEMPERATURE PLASTIC UL 94V-0. COLOR:BLACK.
4. CAGE: COPPER ALLOY.
5. EMI SPRING: COPPER ALLOY.

PLATED:

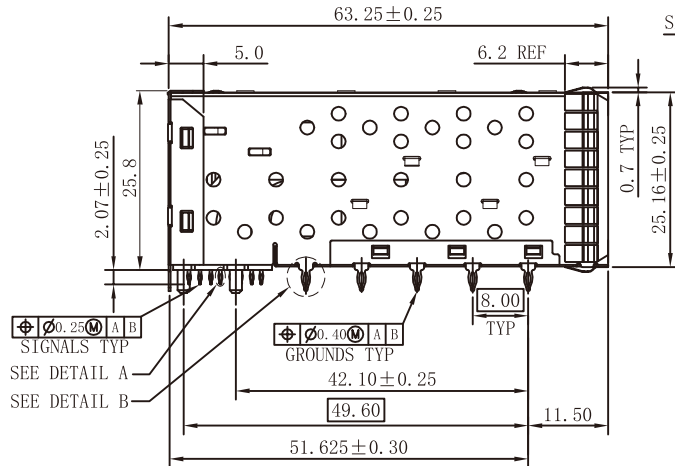
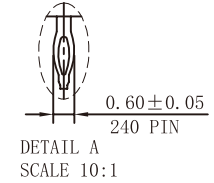
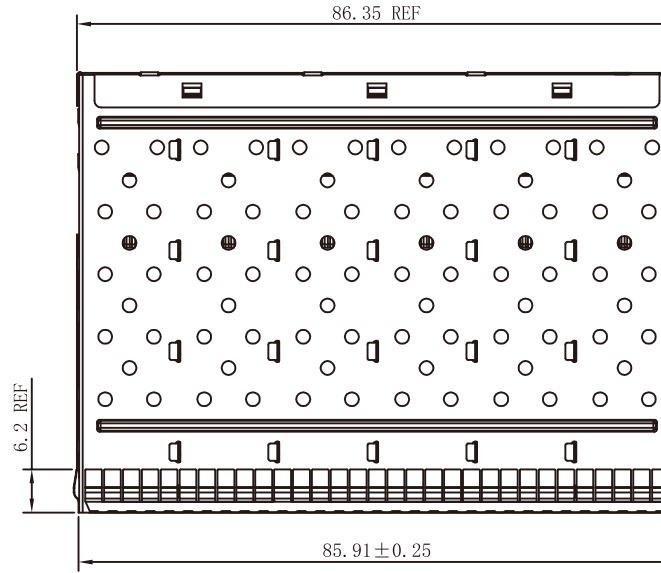
1. CONTACT MATING AREA : PLATING 0.76 MICROMETERS MINIMUM GOLD OVER 1.27 MICROMETERS MINIMUM NICKEL.
2. CONTACT NEEDLE EYE: 0.5 MICROMETERS MINIMUM MATTE TIN OVER 1.27 MICROMETERS MINIMUM NICKEL.

MECHANICAL REQUIREMENT:

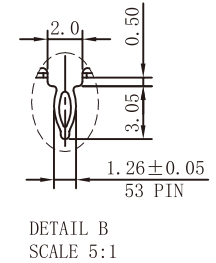
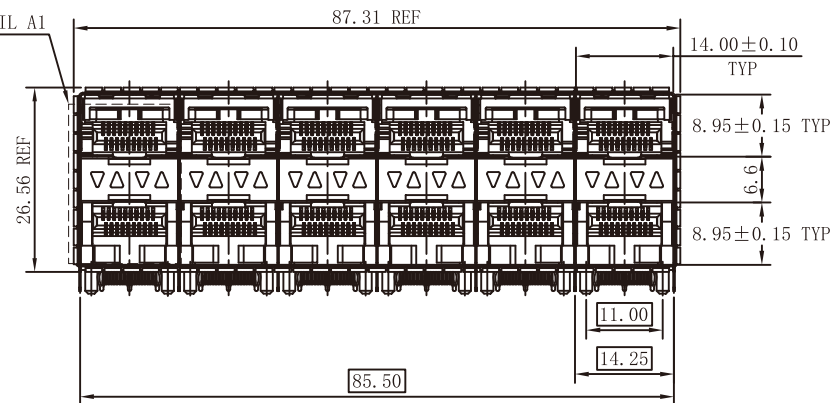
1. DURABILITY: 100 CYCLES MIN.
2. INSERTION AND EXTRACTION FORCE: 40N MAX & 12.5N MAX

ENVIRONMENTAL:

1. LOW LEVEL CONTACT RESITANCE(LLCR):
 ΔR 10 MILLIOHMS MAXIMUM FOR SHIELD AND SIGNAL CONTACTS.
2. DIELECTRIC WITHSTANDING VOLTAGE: 300V AC/MAX.
3. INSULATION RESISTANCE: 1×10^9 / OHMS MINIMUM.
4. RATINGS CURRENT: 0.5 AMPS MAX.
5. RATINGS VOLTAGE: 30 VOLTS DC/AC(RMS) MAX.
6. OPERATION: $-40^{\circ} \text{C} \sim +85^{\circ} \text{C}$.
7. STORAGE: $-55^{\circ} \text{C} \sim +105^{\circ} \text{C}$.
8. ROHS COMPLIANT



SEE DETAIL A1



RoHS Compliant

VOOHU 苏州沃虎电子科技有限公司
Su Zhou Voohu Electronic Tech.Co.Ltd

TITLE:
SFP+ 2X6 Press Fit Connector

SIZE
A4

UNITS
MM[INCH]

GENERAL TOLERANCES
UNLESS SPECIFIED

APPROVED BY:
Geoffrey.Song

PART NO.:
WHSFP16026F033

SACLE
1:1

REV
A0

$x \pm 0.35$
 $.x \pm 0.30$

$x^{\circ} \pm 3.0^{\circ}$
 $.x^{\circ} \pm 2.0^{\circ}$

CHECKED BY:
Elvis.Song

REMARK:
gold plated 30u" Ni 30u" Min

SHEET
1/4



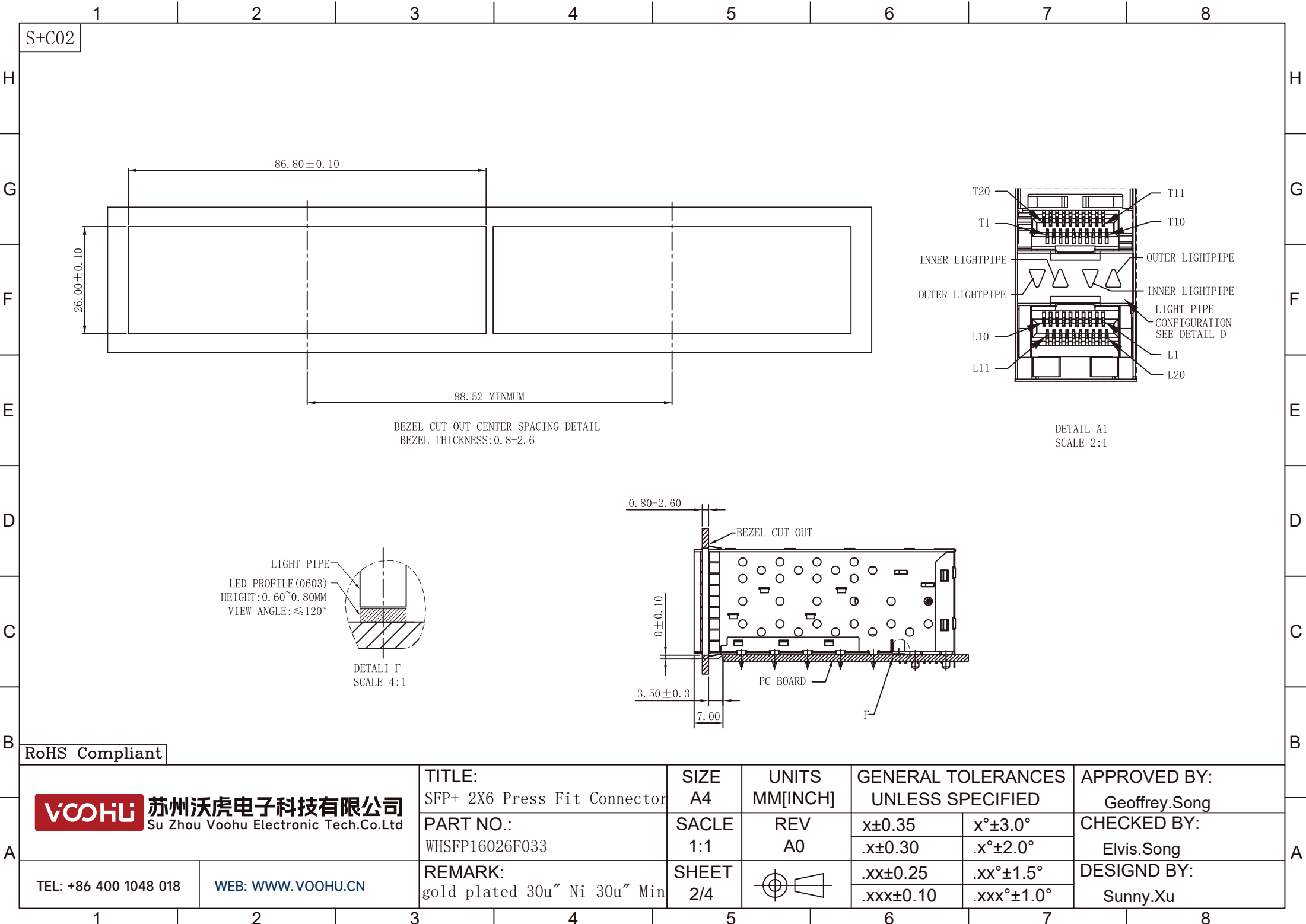
$.xx \pm 0.25$
 $.xxx \pm 0.10$

$.xx^{\circ} \pm 1.5^{\circ}$
 $.xxx^{\circ} \pm 1.0^{\circ}$

DESIGND BY:
Sunny.Xu

TEL: +86 400 1048 018

WEB: WWW.VOOHU.CN



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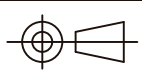
SIZE
A4

SACLE
1:1

SHEET
2/4

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

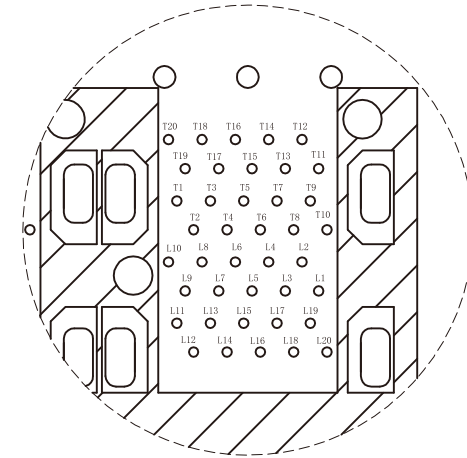
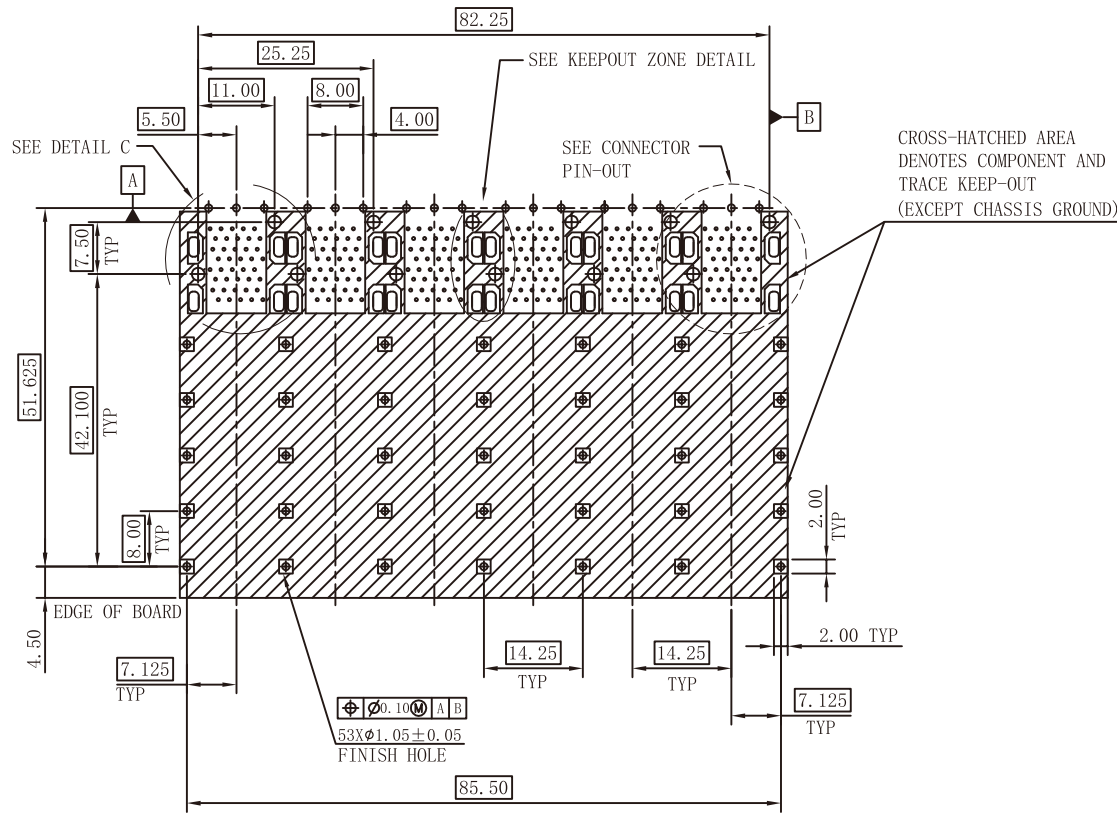
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$.x \pm 0.30$	$.x^\circ \pm 2.0^\circ$
$.xx \pm 0.25$	$.xx^\circ \pm 1.5^\circ$
$.xxx \pm 0.10$	$.xxx^\circ \pm 1.0^\circ$

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CONNECTOR PIN-OUT
COMPONENT SIDE OF BOARD

RECOMMENDED PCB LAYOUT-COMPONENT SIDE
RECOMMENDED PCB THICKNESS-2.63 MM

THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT
TO BE CONSIDERED THE KEEP OUT AREA FOR COMPONENTS
(OTHER THAN LIGHT PIPE LED'S)
THIS AREA IS INDICATED BY THE DASHED LINE

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REMARK:
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SIZE
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SACLE
1:1

SHEET
3/4

UNITS
MM[INCH]

REV
A0

GENERAL TOLERANCES
UNLESS SPECIFIED

$x \pm 0.35$	$x^\circ \pm 3.0^\circ$
$.x \pm 0.30$	$.x^\circ \pm 2.0^\circ$
$.xx \pm 0.25$	$.xx^\circ \pm 1.5^\circ$
$.xxx \pm 0.10$	$.xxx^\circ \pm 1.0^\circ$

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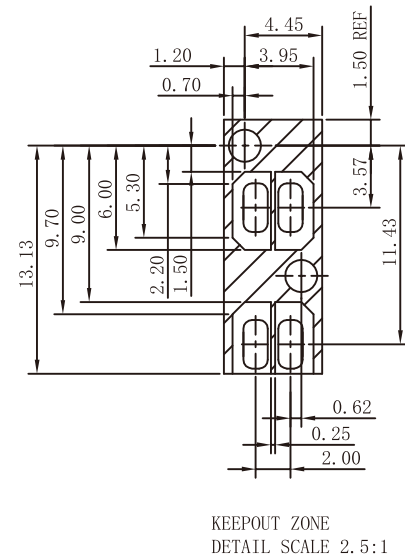
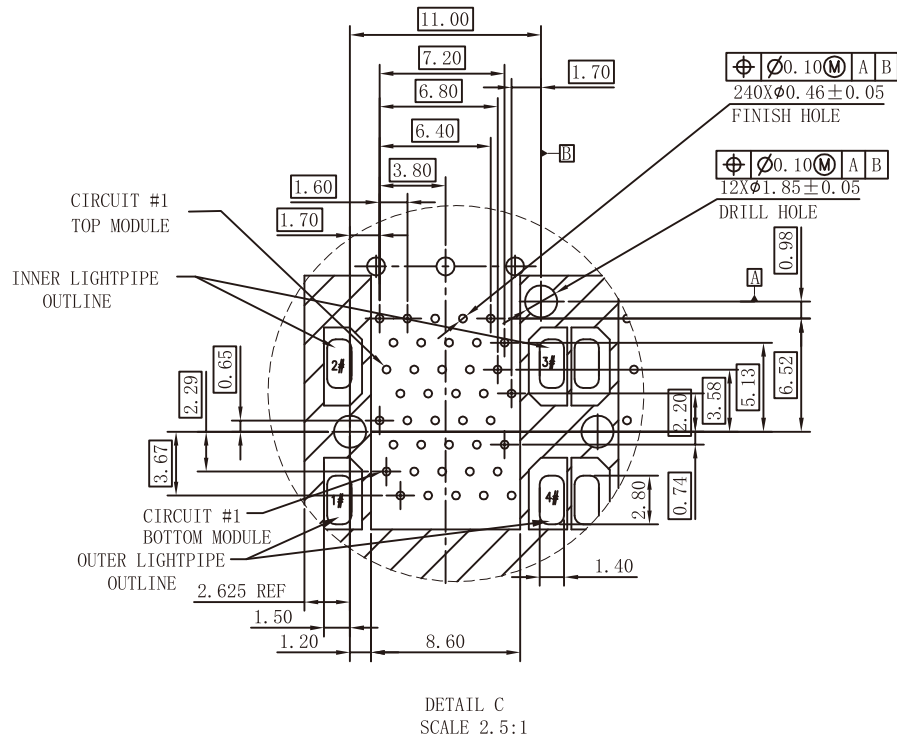
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DETAIL C
SCALE 2.5:1

KEEP-OUT ZONE
DETAIL SCALE 2.5:1

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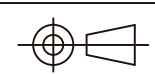
REV
A0

x±0.35
x°±3.0°
.x±0.30
.x°±2.0°

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REMARK:
gold plated 30u" Ni 30u" Min

SHEET
4/4



.xx±0.25
.xx°±1.5°
.xxx±0.10
.xxx°±1.0°

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