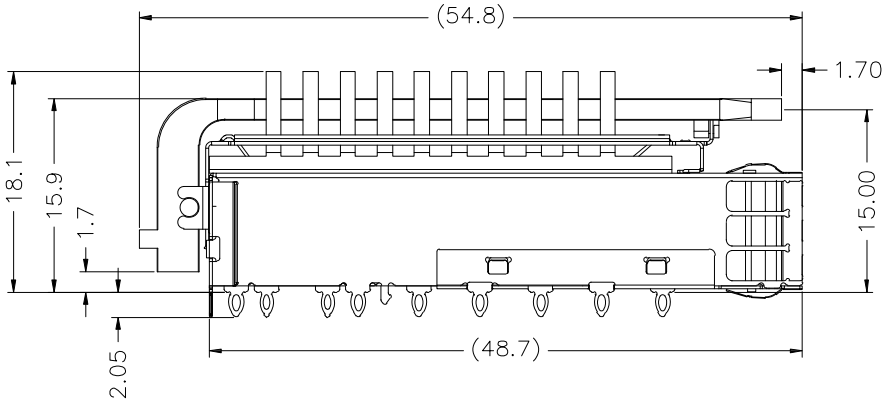
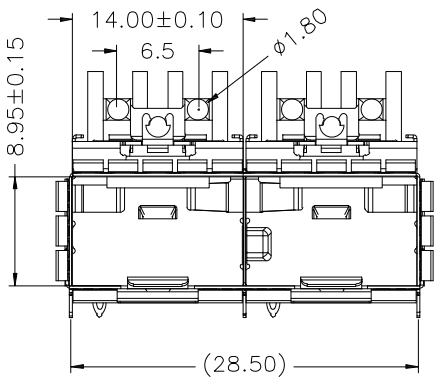
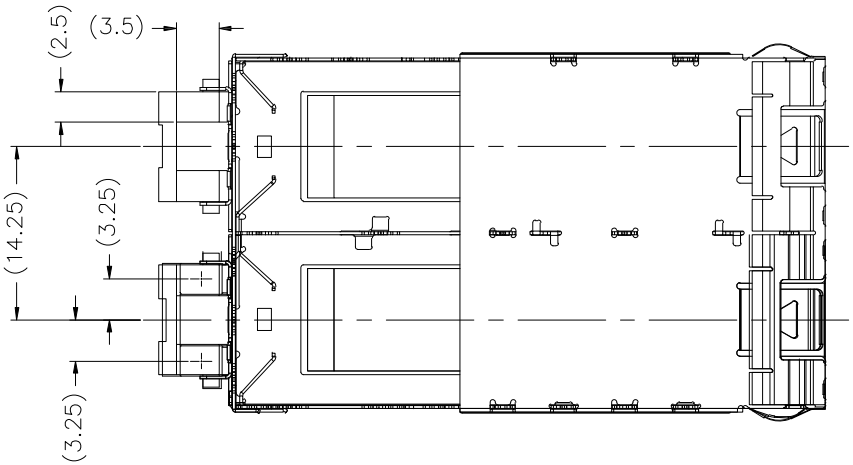
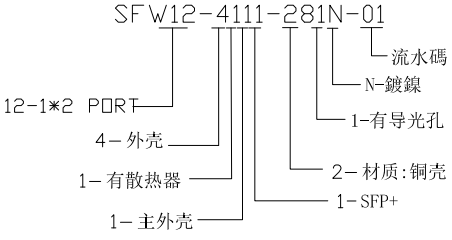
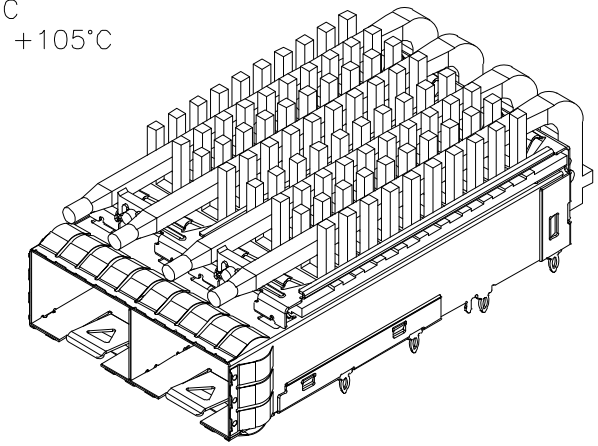




NOTES:
1.MATERIAL:
CAGE: COPPER ALLOY,NI PLATING,THICKNESS 0.25mm
MIDDLE CAGE: STAINLESS STEEL
HEAT SINK : ALUMINUM(SURFACE TREATMENT:BLACK OXIDE
HEAT SINK CLIP: STAINLESS STEEL
LIGHT PIPE: CLEAR POLYCARBONATE
2.PACKAGING: TRAY PACKAGING
3.TEMPERATURE RANGE:
OPERATING : −40°C TO +85°C
NON OPERATING : −55°C TO +105°C







REV.	ECN. NO.	DRAWN	DATE	EC.content
A.0	NEW	Lumiore	15/7/2026	

ECONN Technology
ECONN CORPORATION
HSF Compliant

ⓧ:QUALITY CONTROL ITEM	
APPROVED	
CHECKED	
DRAWN	

GENERAL TOLERANCE
.X± 0.25 X.°± 2°
.XX± 0.15 .X'± 1'
.XXX± 0.10

PART NO.: SFW12−4111−281N−01
TITLE:

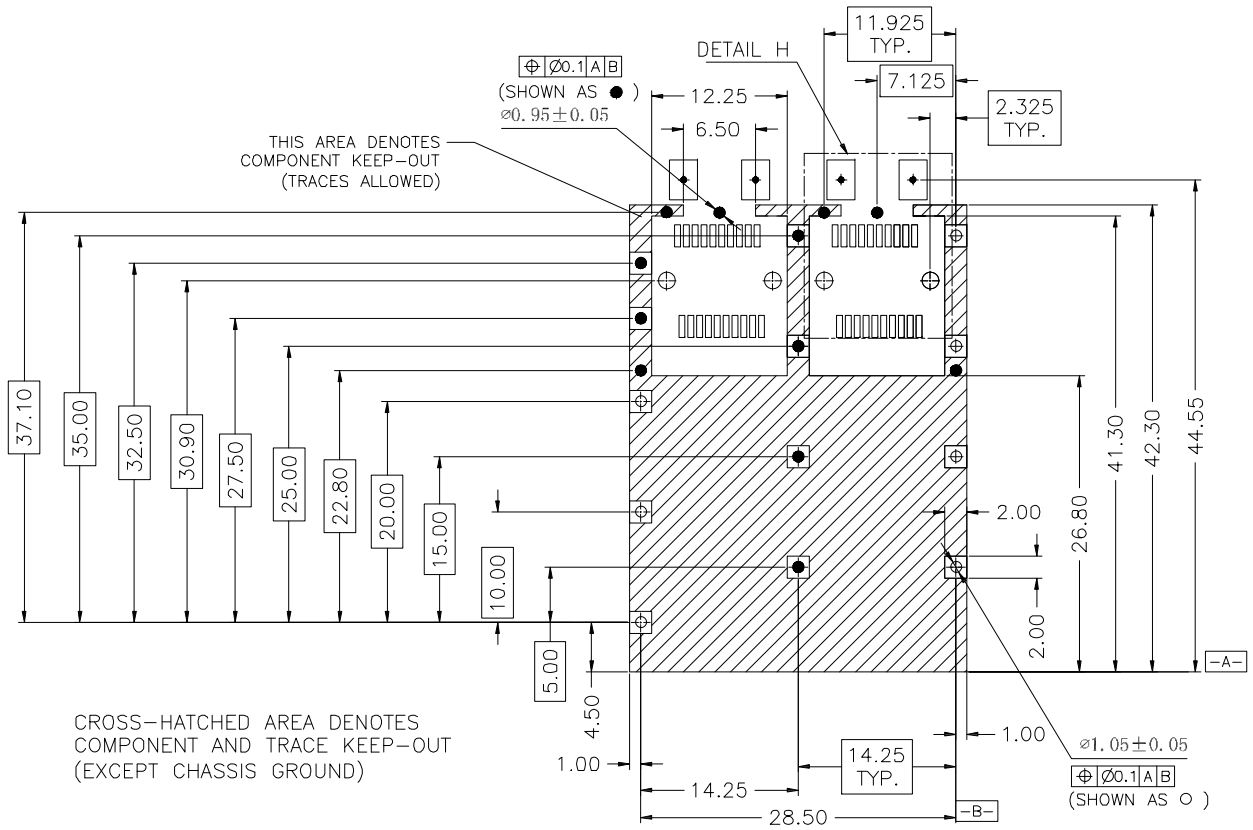
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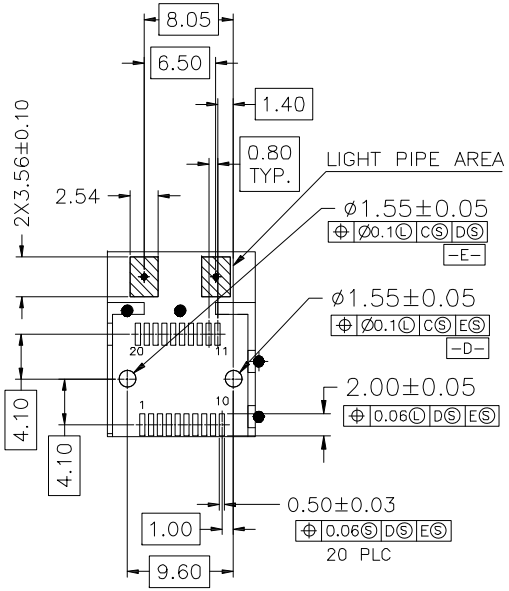
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DOCUMENT NO. : ZER0013/A.3

RECOMMENDED PCB CONFIGURATION
WITH KEEP-OUT AREAS
SINGLE SIDED APPLICATIONS



PCB LAYOUT
FOR SINGLE SIDE MOUNTING



DETAIL H
RECOMMENDED CONNECTOR LAYOUT
4X INDIVIDUALLY

REV.	ECN. NO.	DRAWN	DATE	EC.content
A.0	NEW	Lumiore	15/7/2026	

ECONN Technology
ECONN CORPORATION

HSF Compliant

ⓧ: QUALITY CONTROL ITEM	
APPROVED	
CHECKED	
DRAWN	

GENERAL TOLERANCE
.X± 0.25 X.°± 2°
.XX± 0.15 .X°± 1°
.XXX± 0.10

PART NO.: SFW12-4111-281N-01
TITLE:

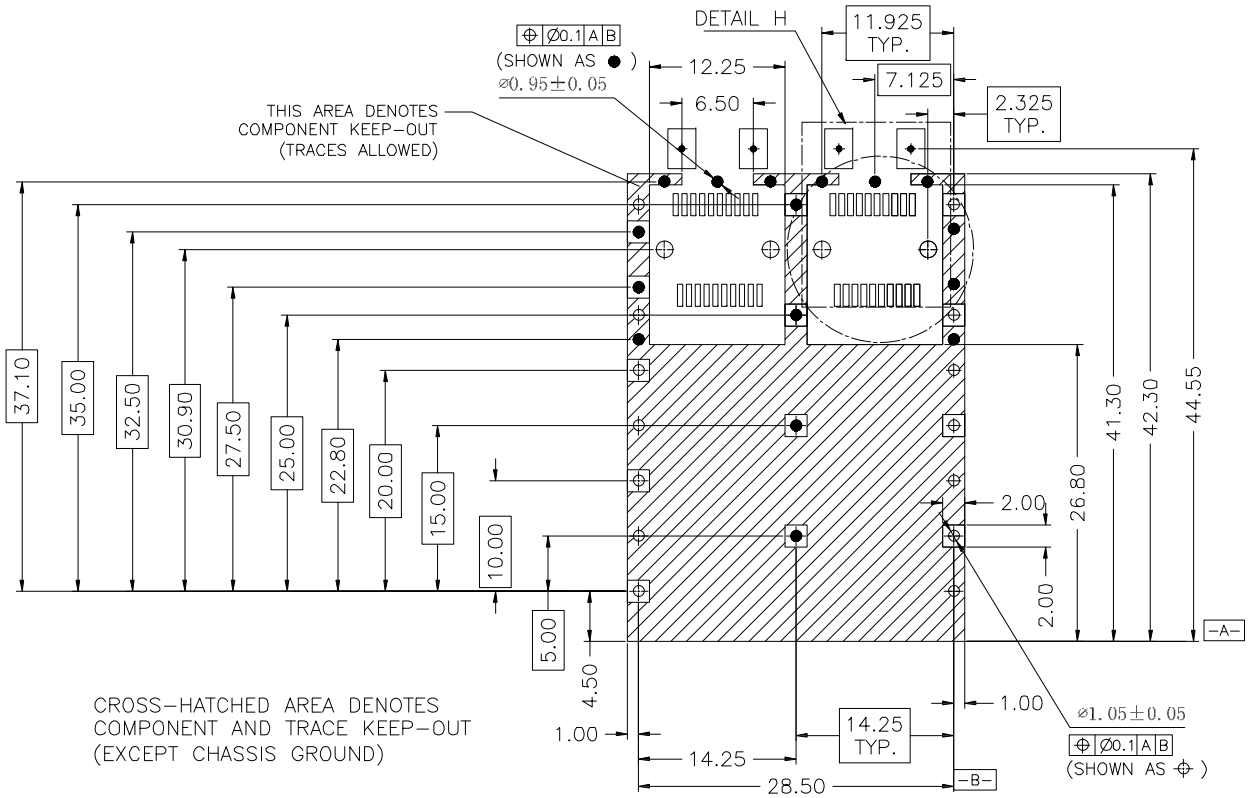
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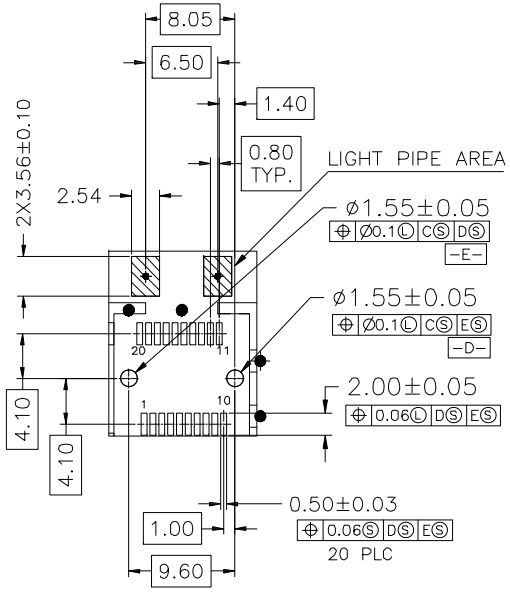
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DOCUMENT NO. : ZER0013/A.3

RECOMMENDED PCB CONFIGURATION
WITH KEEP-OUT AREAS
BELLY TO BELLY APPLICATIONS



CROSS-HATCHED AREA DENOTES
COMPONENT AND TRACE KEEP-OUT
(EXCEPT CHASSIS GROUND)



DETAIL H
RECOMMENDED CONNECTOR LAYOUT
4X INDIVIDUALLY

PCB LAYOUT
FOR BELLY TO BELLY SIDE MOUNTING

REV.	ECN. NO.	DRAWN	DATE	EC.content
A.0	NEW	Lumiore	15/7/2026	

ECONN Technology
ECONN CORPORATION

HSF Compliant

ⓧ: QUALITY CONTROL ITEM	
APPROVED	
CHECKED	
DRAWN	

GENERAL TOLERANCE
.X± 0.25 X.°± 2°
.XX± 0.15 .X'± 1'
.XXX± 0.10

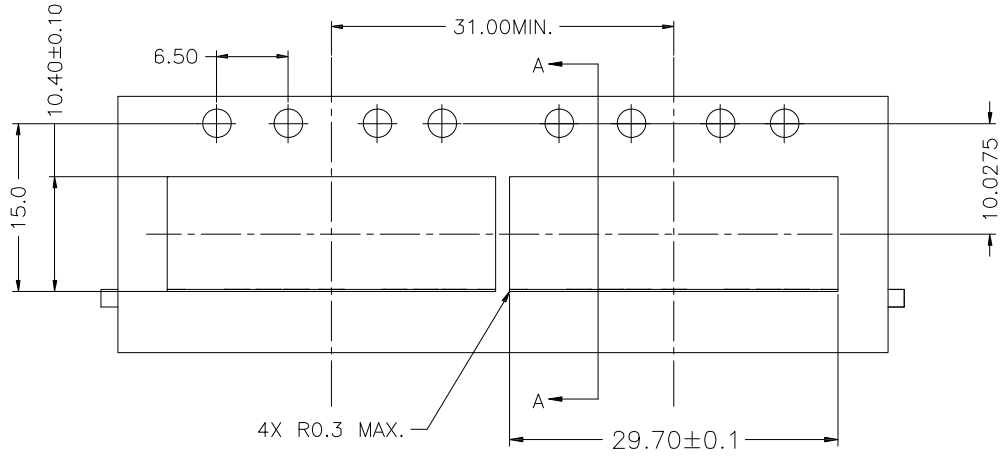
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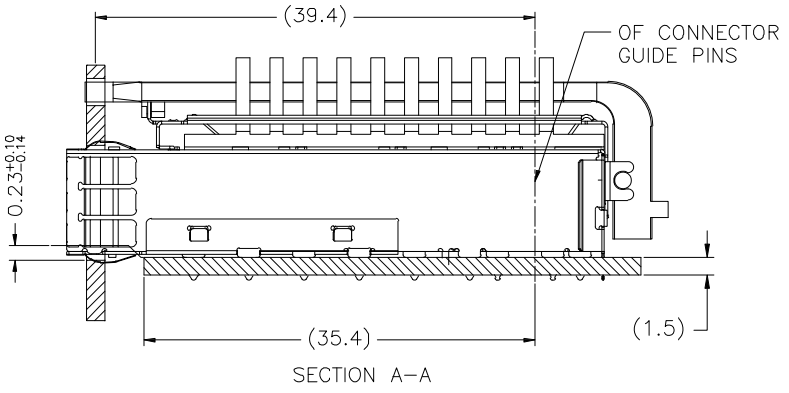
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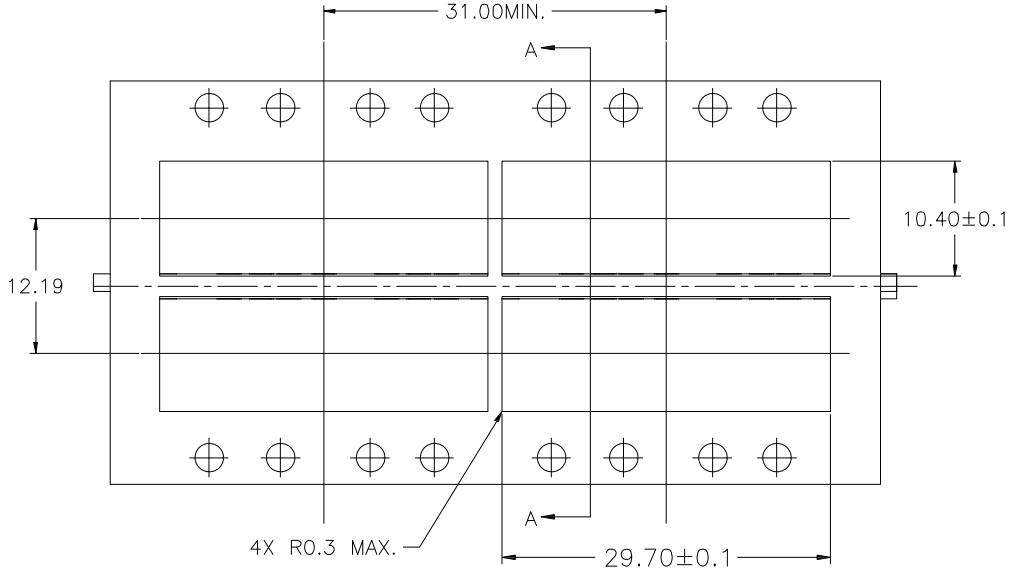
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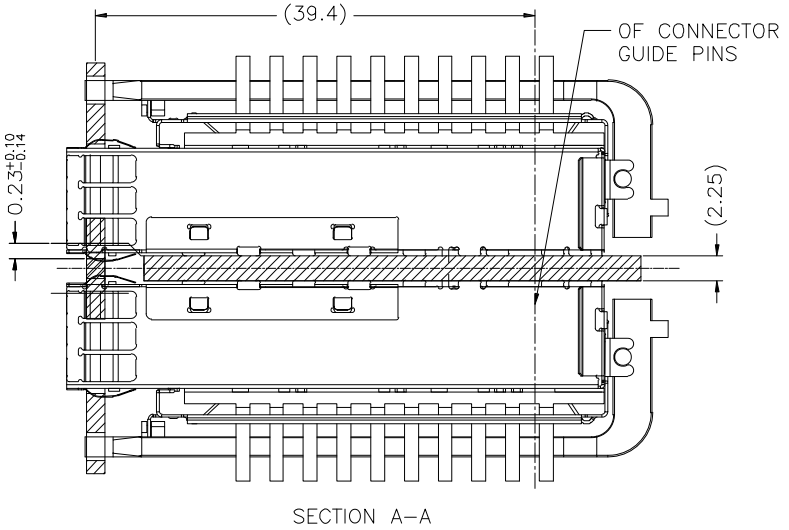
DOCUMENT NO. : ZER0013/A.3





RECOMMENDED BEZEL DESIGN
SINGLE SIDED APPLICATIONS





RECOMMENDED BEZEL DESIGN
BELLY TO BELLY APPLICATIONS

REV.	ECN. NO.	DRAWN	DATE	EC.content
A.0	NEW	Lumiore	15/7/2026	

ECONN Technology
ECONN CORPORATION

HSF Compliant

ⓧ: QUALITY CONTROL ITEM	
APPROVED	
CHECKED	
DRAWN	

GENERAL TOLERANCE
.X± 0.25 X.°± 2°
.XX± 0.15 .X°± 1°
.XXX± 0.10

PART NO.: SFW12–4111–281N–01
TITLE:

UNIT: mm | SCALE:1:1 | SHEET: 4/4 | REV.: A.0

SIZE: A4

說明: △: 備註 ◇: 版本變更 Ⓝ: 尺寸序號 ■: 重點尺寸 ▼: CPK尺寸

DOCUMENT NO. : ZER0013/A.3