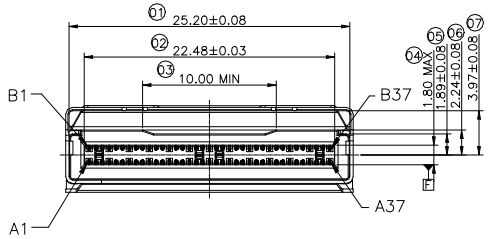
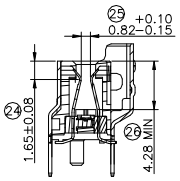
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CUSTOMER DRAWING

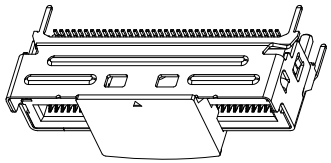
DRWC-013702

REV.	ECN NO.	DESCRIPTION	MDF'D	APP'D	DATE
A5		APPROVAL DRAWING: MODIFY PART NUMBER CODING RULE	Sam	Ray	11/17/2025
A6		APPROVAL DRAWING: MODIFY TEXT	Ronnie	Ray	01/05/2026
A7		APPROVAL DRAWING: MODIFY TEXT	Kuroo	Ray	04/10/2026

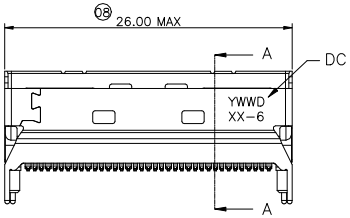


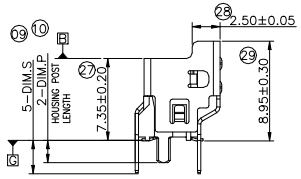


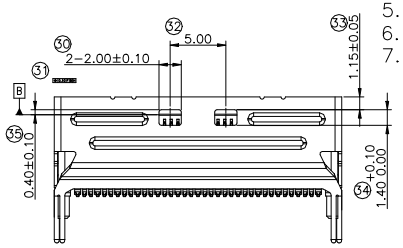
SECTION A–A
SCALE 1:1

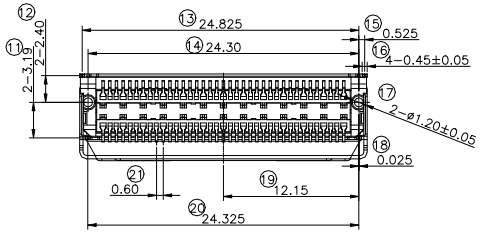


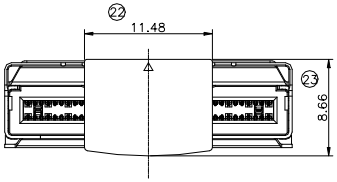
NOTES:
1. MATERIALS:
   HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL 94–V0, COLOR: BLACK
   TERMINAL: COPPER ALLOY
   SHELL: STAINLESS STEEL
2. FINISH
   TERMINAL:
   CONTACT AREA: GOLD PLATING
   SOLDER AREA: GOLD FLASH
   UNDER PLATING: NICKEL PLATED 50U" MIN. OVER ALL
   SHELL:
   NICKEL PLATED 50U" MIN. OVERALL
3. DATE CODE LOCATION SHOWN, DATE CODE FORMAT: YWWD
   Y: LAST ONE DIGIT OF THE YEAR
   WW: ONE CERTAIN WEEK OF THE YEAR
   D: ONE DAY OF THE WEEK
   DISTINGUISH BETWEEN THE CODES FOR HIGH SPEED AND THOSE WITH SIDE BAND:XX–6
   SB:WITH SIDE BAND
   HS:FULL HIGH SPEED
   6: GEN 6
4. INSERTION LOSS: −0.25dB@16GHz
5. TERMINAL DEFINED AS GND IN SFF–TA–1016 IS COMMON TOGETHER.
6. CONNECTOR IMPEDANCE REFERENCE: 85Ω
7. REFER TO SPECIFICATION SFF–TA–1016 FOR THE PINOUT OF THE CONNECTOR.











A7

P948 X 074 4 6 X 2 – 0

- MCIO SERIES
- CONNECTOR PIN TYPE:
  B: GEN6; FULL HS
  C: GEN6; WITH SB
- PIN COUNT:
  074:74 PIN
- CONNECTOR STYLE:
  4:VERTICAL TYPE
- CONTACT FINISH:
  6:Au 30μ"; SOLDER TAIL: GOLD PLATED
- SHELL PIN LENGTH; POST PIN LENGTH
  1:DIM.S=1.20mm; DIM.P=1.20mm
  2:DIM.S=2.20mm; DIM.P=2.00mm
  3:DIM.S=3.00mm; DIM.P=2.00mm
  4:DIM.S=4.20mm; DIM.P=2.00mm
- PACKAGE CODE:
  2:TAPE & REEL

RoHS COMPLIANT

HALOGEN FREE

Unit:mm(inch)

GENERAL TOLERANCES: (UNLESS SPECIFIED)
0 =±1 (0.039)
0.0 =±.5 (0.02)
0.00 =±.3 (0.012)
0.000=±.15(0.006)
0° =± 2°
0.0° =± 1°

PROJECTION

D.R.	02/18/2025	Sam
CH.K	02/18/2025	Jason_Liu
APV.D	02/18/2025	Ray

JPC connectivity

TITLE: MCIO Gen6 8X 74 Pin Vertical Connector

PD./FILE NO.: XXXXXXXXX

X-XXXX

SCALE	SIZE	PART NO.	REV.
NA	A4	P948X07446X2-0	A7

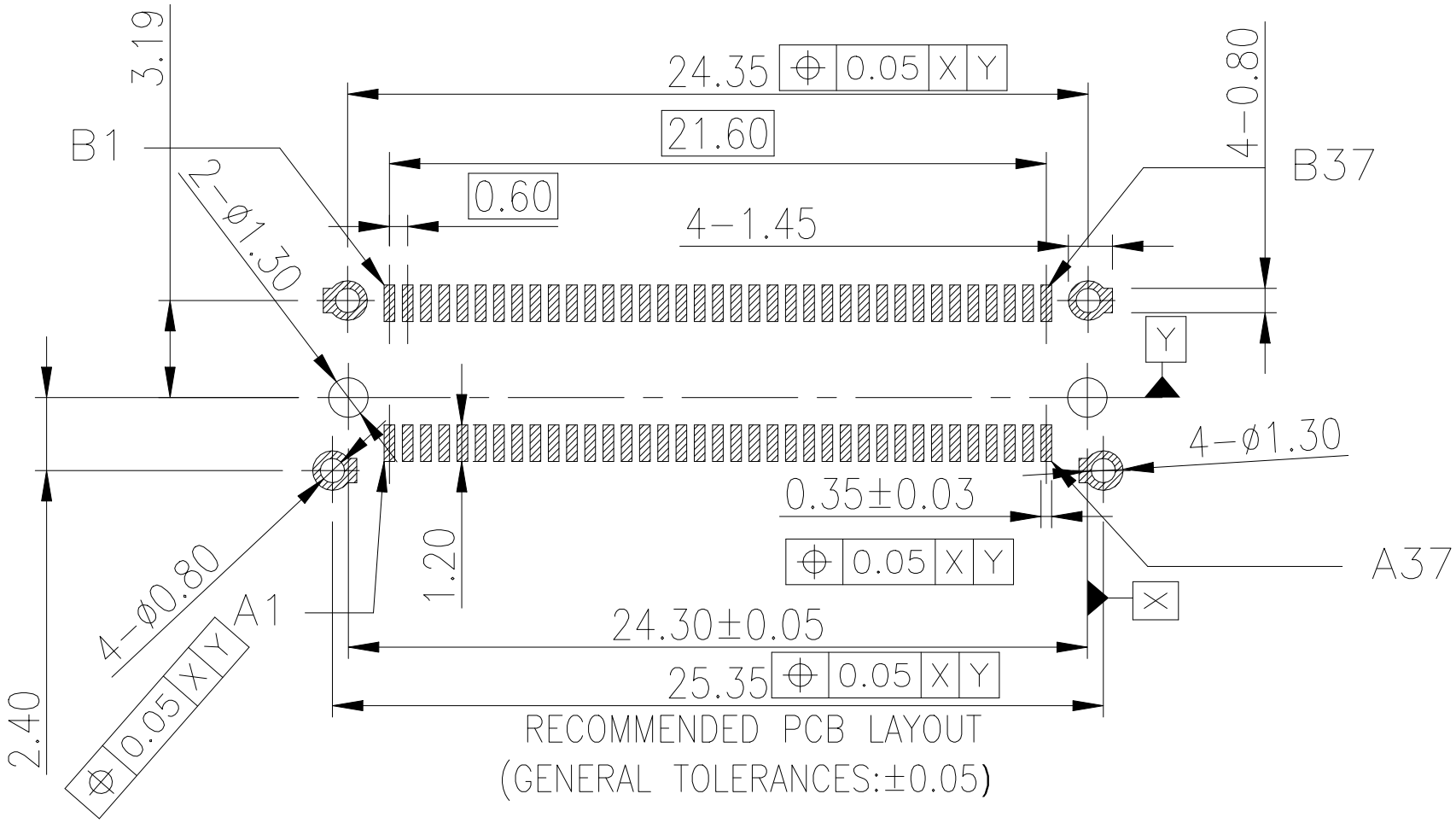
SHEET 1 OF 3

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CUSTOMER DRAWING

DRWC-013702

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HALOGEN FREE

Unit:mm(inch)

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JPC connectivity

TITLE: MCIO Gen6 8X 74 Pin Vertical Connector

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SCALE	SIZE	PART NO.	REV.
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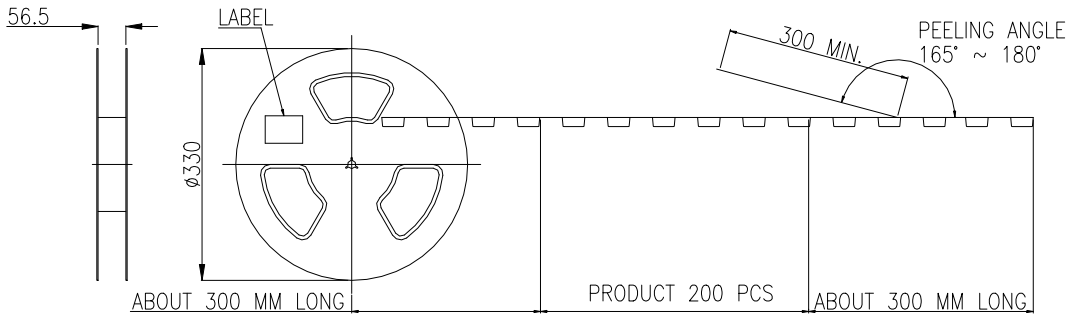
SHEET 2 OF 3

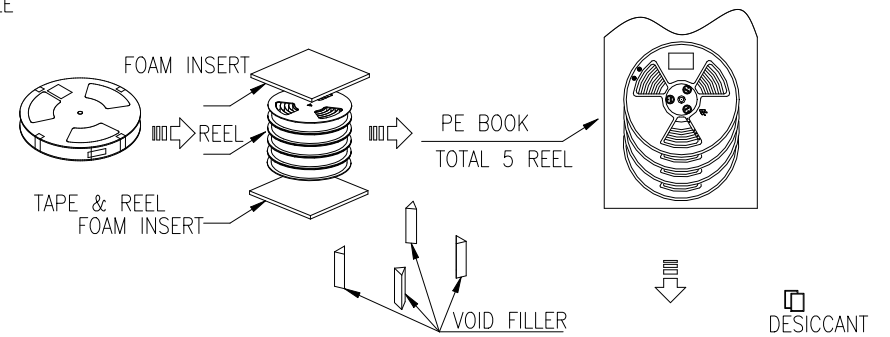
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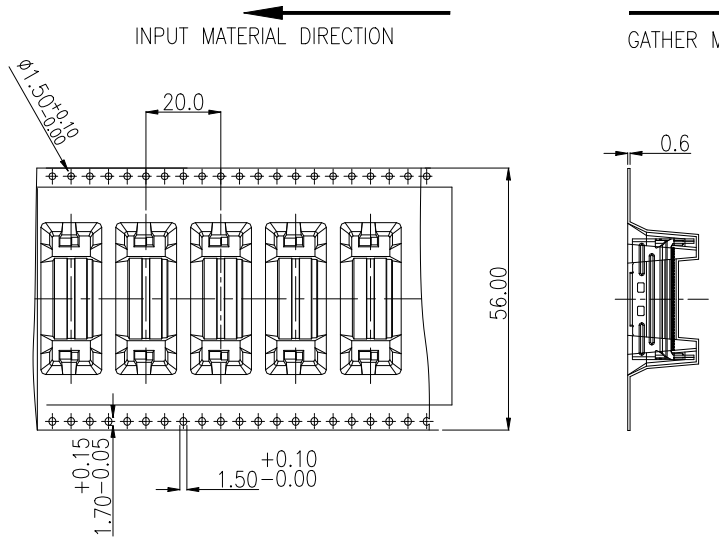
CUSTOMER DRAWING

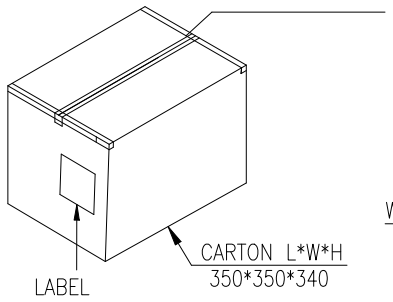
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NOTE:
1. MATERIAL:
   CARRIER TAPE: POLYSTYRENE, BLACK
   COVER TAPE: TRANSPARENT POLYSTYRENE
   REEL: POLYSTYRENE, BLACK
2. COVER TAPE PEELING STRENGTH:20gf~130gf.AT 300mm/Min
3. 200 PCS/REEL; 5 REEL/CARTON; 1000 PCS/CARTON

RoHS COMPLIANT
HALOGEN FREE

Unit:mm(inch)

GENERAL TOLERANCES: (UNLESS SPECIFIED)
0 =±1 (0.039)
0.0 =±.5 (0.02)
0.00 =±.3 (0.012)
0.000=±.15(0.006)
0° =± 2°
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PROJECTION

D.R. 02/18/2025 Sam
CH.K 02/18/2025 Jason_Liu
APV.D 02/18/2025 Ray

JPC connectivity

TITLE: MCIO Gen6 8X 74 Pin Vertical Connector

PD./FILE NO.: XXXXXXXXX
X-XXXX

SCALE: NA
SIZE: A4
PART NO.: P948X07446X2-0
REV. A7
SHEET 3 OF 3