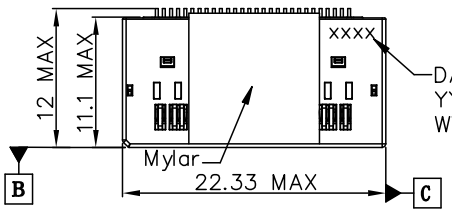
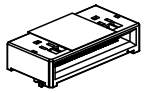
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CUSTOMER DRAWING

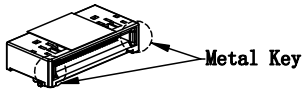
DRWC-014821

REV.	ECN NO.	DESCRIPTION	MDF'D	APP'D	DATE
01		INITIAL DESIGN	Sam	Ray	05/28/2025
02					
03					

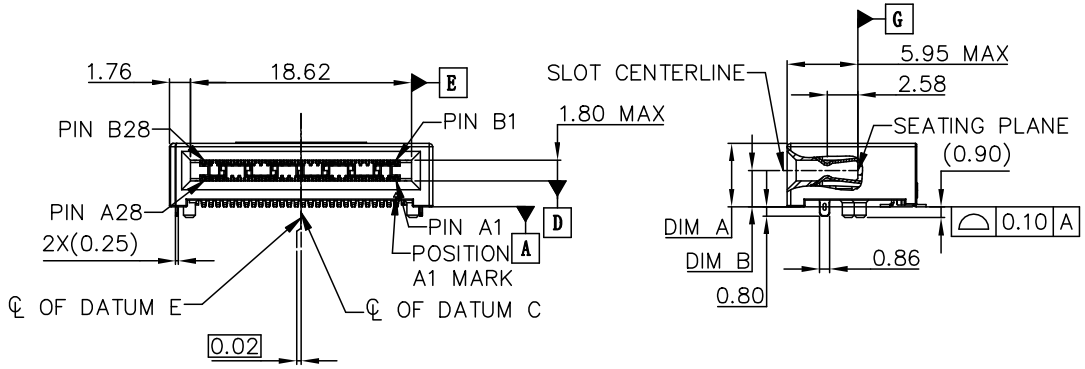


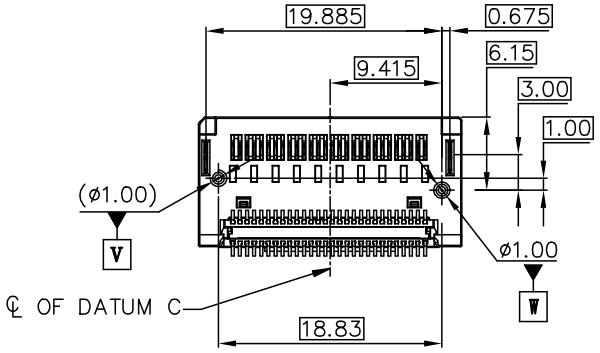


w/o Metal Key Show



w/ Metal Key Show





GenZ Right Angle 1C(56pin Show)

NOTES:
1.MATERIAL:
HOUSING: HIGH TEMPERATURE RESIN BLACK UL 94V-0
COVER: HIGH TEMPERATURE RESIN BLACK UL 94V-0
CONTACT: COPPER ALLOY
INSERT MOLDING: HIGH TEMPERATURE RESIN BLACK UL 94V-0
HOLD DOWN: STAINLESS STEEL
METAL KEY: STAINLESS STEEL

2.FINISH:
CONTACT: NICKEL UNDERPLATED ALL OVER.MATTED TIN ON SOLDERTAIL.
GOLD PLATING(THICKNESS SEE TABLE) ON CONTACT AREA.
HOLD DOWN: NICKEL UNDERPLATED ALL OVER. MATTED TIN ALL OVER.

3.RECOMMEND SOLDER PASTE STENCIL THICKNESS: 0.15 MIN.

	DIM A	DIM B
H = 3.05	5.55 MAX	3.05
H = 4.05	6.55 MAX	4.05

CONNECTOR NAME	PART NUMBER		PACKING OPTION
	30u" GOLD Min ON CONTACT AREA	15u" GOLD Min ON CONTACT AREA	
GenZ 1C Right Angel; H=3.05(56pin)	PDAU51056PR101-0	PDAU51056GR101-0	Tape & Reel
GenZ 1C Right Angel; H=4.05(56pin)	PDAU51056PR102-0	PDAU51056GR102-0	
GenZ 1C Right Angel; H=3.05(56pin) with metal key	PDAU51056PR103-0	PDAU51056GR103-0	
GenZ 1C Right Angel; H=4.05(56pin) with metal key	PDAU51056PR104-0	PDAU51056GR104-0	

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. 05/28/2025 Sam
CH.K 05/28/2025 Jason_Liu
APV.D 05/28/2025 Ray

JPC connectivity

TITLE: GenZ 1C Right Angle Connector Gen5

PD./FILE NO. XXXXXXXXX
X-XXXX

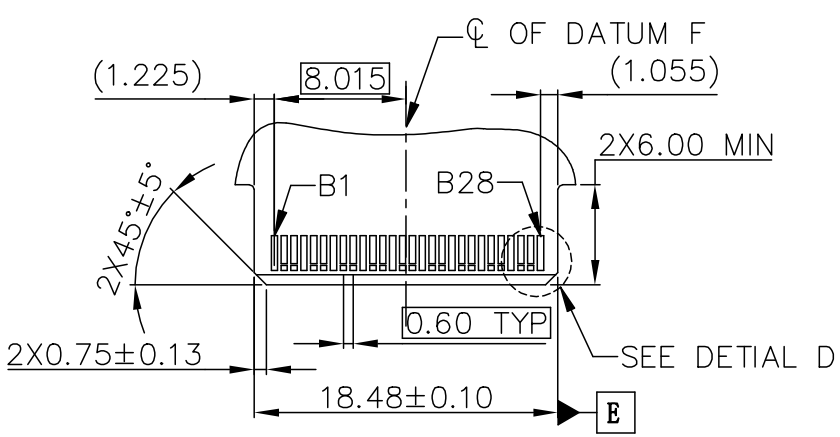
SCALE 1:1 | SIZE A4 | PART NO. PDAU51056XR10X-0 | REV. 01 | SHEET 1 OF 3

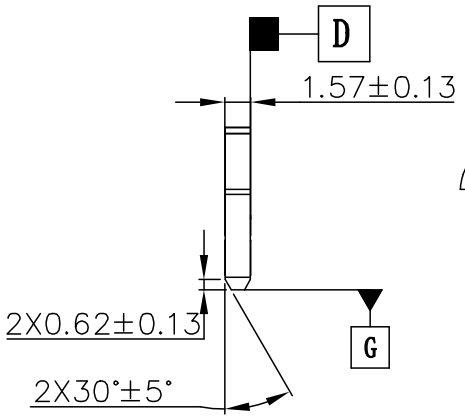
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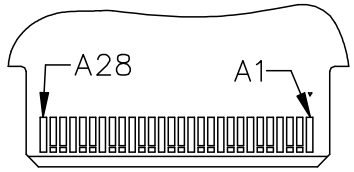
CUSTOMER DRAWING

DRWC-014821

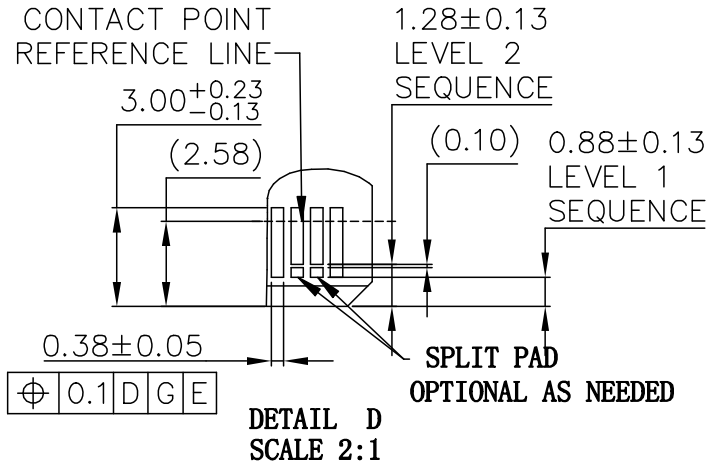
REV.	ECN NO.	DESCRIPTION	MDF'D	APP'D	DATE
01		INITIAL DESIGN	Sam	Ray	05/28/2025
02					
03					







RECOMMENDED 1C AIC MATING CARD



DETAIL D
SCALE 2:1

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. 05/28/2025 Sam
CH.K 05/28/2025 Jason_Liu
APV.D 05/28/2025 Ray

JPC connectivity

TITLE: GenZ 1C Right Angle Connector Gen5

PD./FILE NO. XXXXXXXXX
X-XXXX

SCALE 1:1 | SIZE A4 | PART NO. PDAU51056XR10X-0

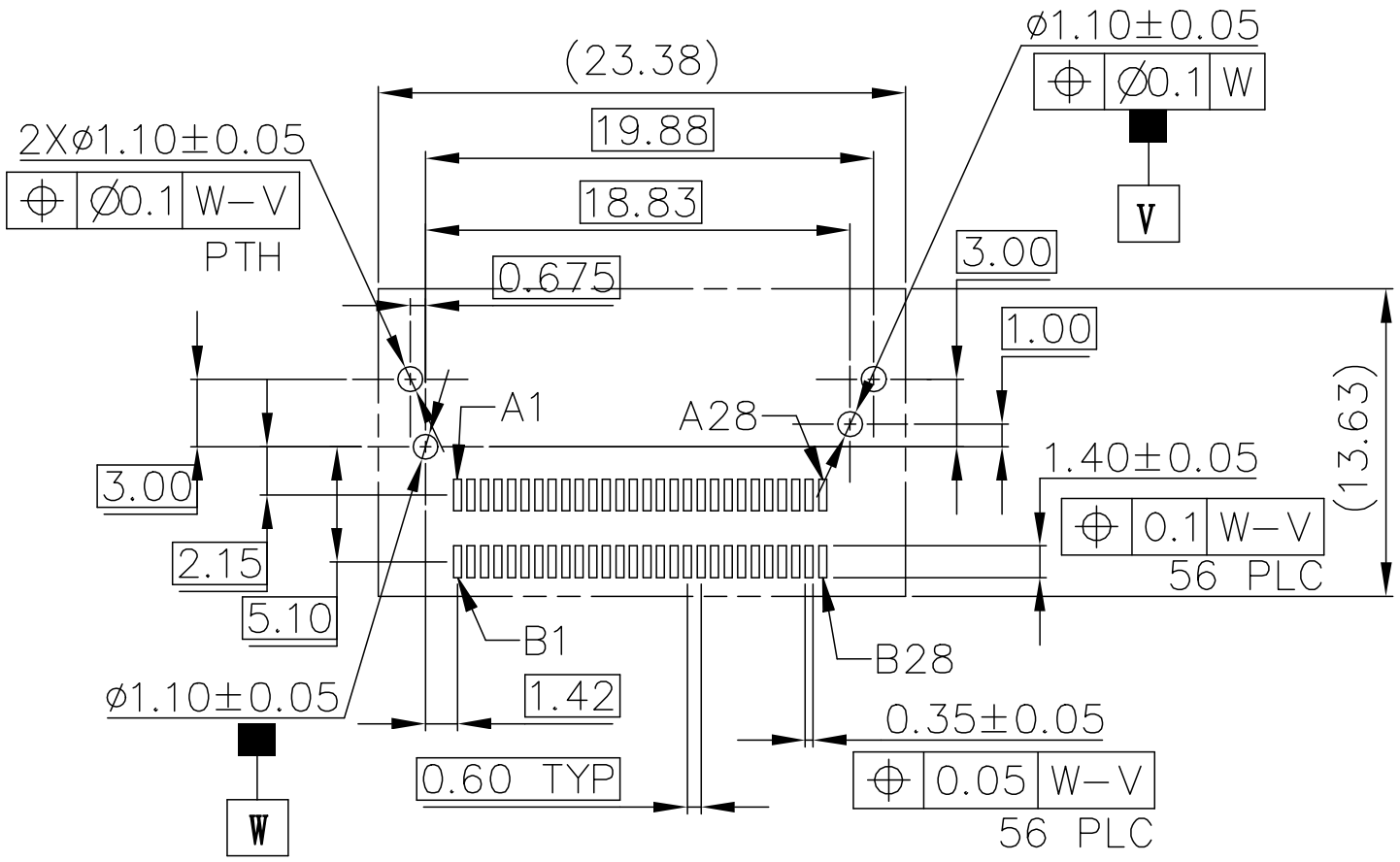
REV. 01

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CUSTOMER DRAWING

DRWC-014821

REV.	ECN NO.	DESCRIPTION	MDF'D	APP'D	DATE
01		INITIAL DESIGN	Sam	Ray	05/28/2025
02					
03					



RECOMMENDED 1C FOOTPRINT

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. 05/28/2025 Sam
CH.K 05/28/2025 Jason_Liu
APV.D 05/28/2025 Ray

JPC connectivity

TITLE: GenZ 1C Right Angle Connector Gen5

PD./FILE NO.: XXXXXXXXX
X-XXXX

SCALE: 1:1
SIZE: A4
PART NO.: PDAU51056XR10X-0
REV. 01
SHEET 3 OF 3