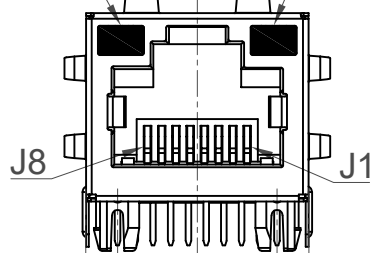


Green/Yellow
Left

Green/Yellow
Right

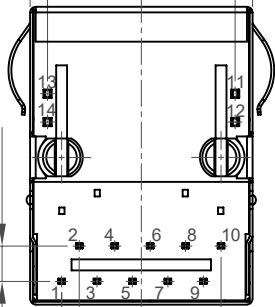


11.43

16.00

15.95^{+0.40}
-0.10

13.45

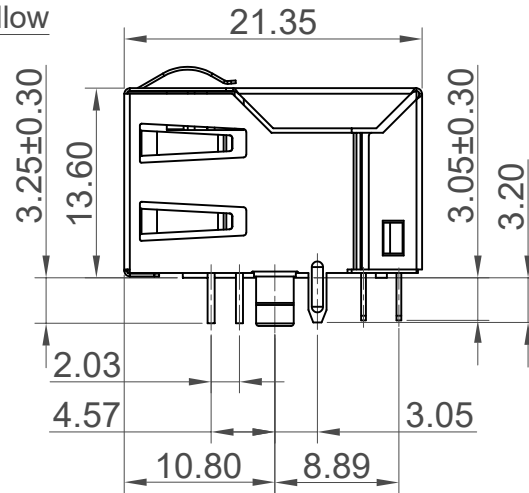


2.54

1.27

5.715

11.43



21.35

3.25±0.30

13.60

3.05±0.30

3.20

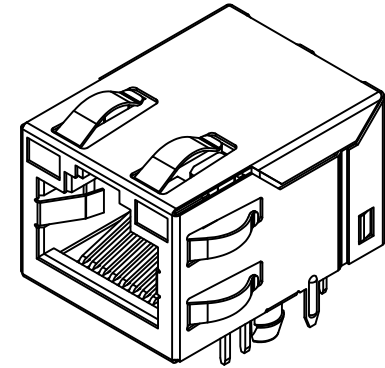
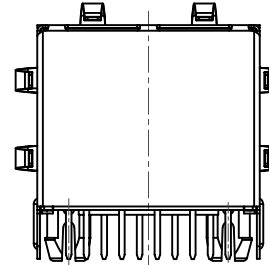
2.03

4.57

3.05

10.80

8.89



Specifications

Material

Housing: PBT, UL 94V-0, Black
Shell: Brass
Terminal: Phosphor Bronze

Plating

Terminal:
Contact Area: 6μ" Gold
Solder Tails: Tin
Shell: Nickel

Mechanical & Environmental

Storage Temperature: -40°C to +85°C
Operation Temperature: -40°C to +85°C
Durability: 750 Cycles min.
Mating Force: 23N max.

Ordering Grid

MGB010-2 C FA B003 H

[Request Samples
and Quotation](#)

Contact Plating

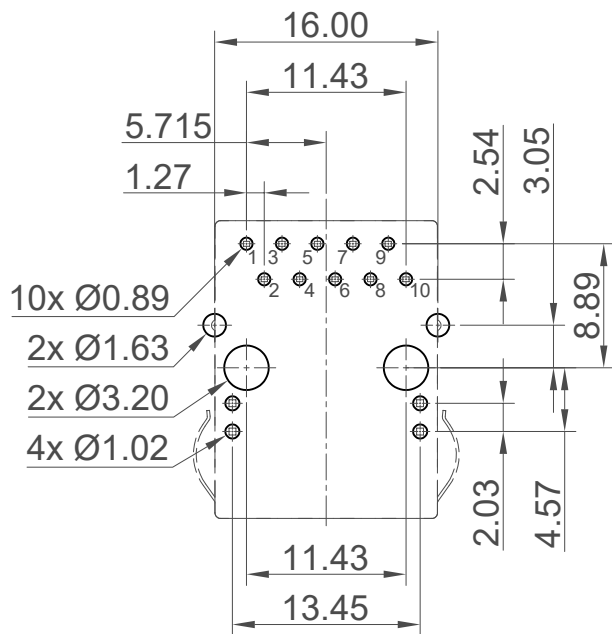
C = 6μ" Gold

Packing Options

H = Tray (120pcs per tray)

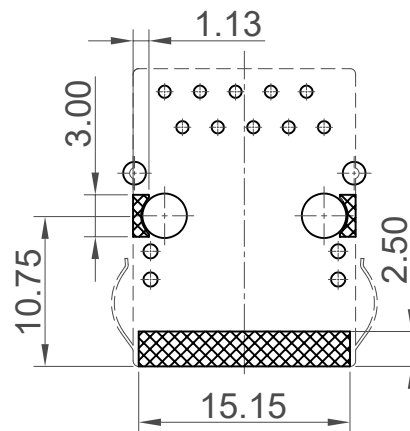
Part Number		Product Description	
MGB010		Modular Jack, With Shell, With LED, With Magnetics,	
Drawing Date		R/A, Through Hole, 1000Base	
17th October 2025			
By	KY	Tolerances (Except as Noted)	Units:
Detail	Drawing Release	Length X: ±0.35 X.X ±0.30 X.XX ±0.25 X.XXX ±0.10	Metric (mm)
Revision	A1	Angle X: ° ±3.0° X.X° ±2.0° X.XX° ±1.5° X.XXX° ±1.0°	3rd Angle Projection
Date	08/01/26		
		RoHS COMPLIANT 2011/65/EU	
		This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE	
		Not to Scale	
		Drawn By JZ	
		Sheet No. 1/4	

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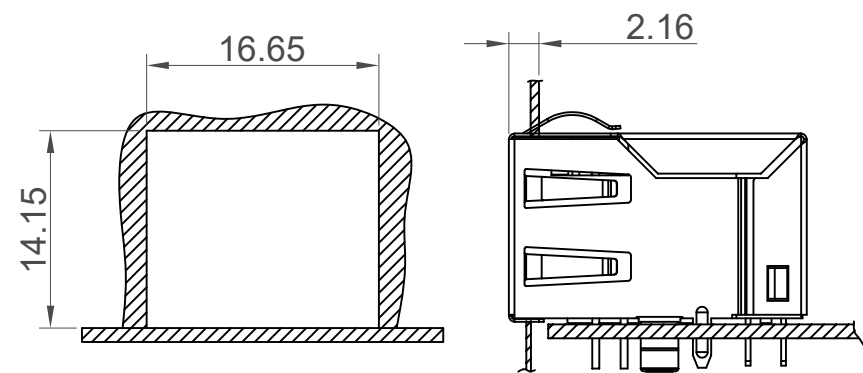
Recommended PCB Layout
Viewed from Component Side
Tolerance: $\pm 0.05\text{mm}$

□ Component Outline



Recommended Keep Out Area
Viewed from Component Side
Tolerance: $\pm 0.05\text{mm}$

▨ Keep Out Area □ Component Outline



Recommended Panel Cut Out
Tolerance: $\pm 0.10\text{mm}$

Part Number		Product Description		
MGB010		Modular Jack, With Shell, With LED, With Magnetics,		
Drawing Date		R/A, Through Hole, 1000Base		
17th October 2025				
By	KY	Tolerances (Except as Noted)	Units:	
		Length	Metric (mm)	
Detail	Drawing Release	X * $\pm 3.0^\circ$		
Revision	A1	X.XX ± 0.25		
Date	08/01/26	X.XXX ± 0.10		
		X.XX° $\pm 1.5^\circ$		
		X.XXX° $\pm 1.0^\circ$		
		This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE		
		Not to Scale Drawn By JZ Sheet No. 2/4		

