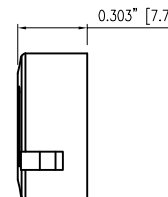
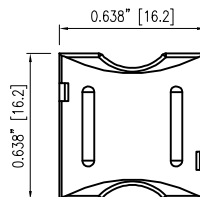
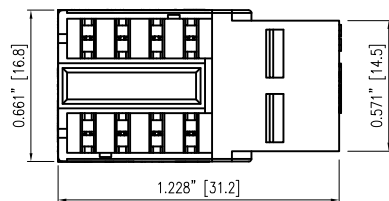
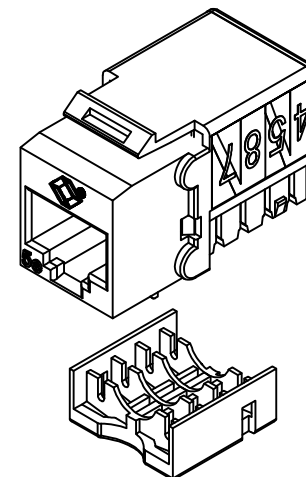
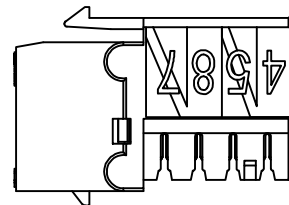
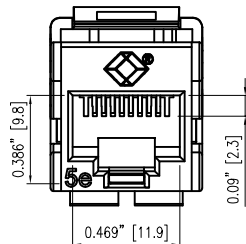
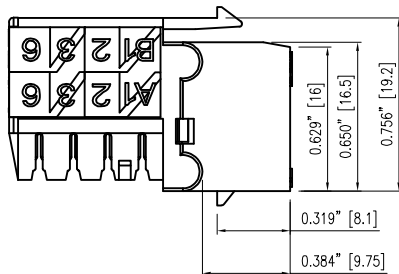
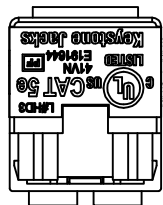
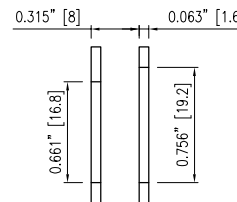
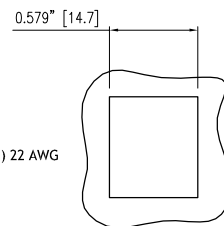


REVISIONS		
Rev	DESCRIPTION	DATE
A	INITIAL RELEASE	2014.08.22



SUGGESTED MOUNTING CUTOUT



MATERIAL
Housing: High-impact Acrylonitrile Butadiene Styrene (ABS resin), UL 94 V-0 rated
Jack Contacts: Phosphor Bronze flat wire, plated with 50 µin (1.27 µm) thick hard gold over nickel underplate
PCB: FR4
IDC Terminals: Phosphor Bronze, plated with tin over nickel underplate
IDC Block: High-impact Polycarbonate (PC resin), UL 94 V-0 rated
RoHS 2 compliant

WIRE RANGE
Conductor Diameters: 0.020 in (0.51 mm) 24 AWG - 0.025 in (0.64 mm) 22 AWG
Insulation Diameters: 0.032 in (0.8 mm) - 0.039 in (1.0 mm)
Cable Diameters: 0.197 in (5 mm) - 0.354 in (9 mm)

PERFORMANCE
Rating: TIA-568-C.2, Category 5e
MHz Rating: 1 - 100 MHz
Bandwidth Support: 10/100/1000 Mbps
Compliant: Meets TIA-568-C.2 Category 5e
Connecting Hardware Requirement for Component Level
Insertion Cycles: 750 Times for 8P Modular Plug
Cable Re-termination Cycles: 20 Times



UL 1863
41VN
E191644
COMMUNICATIONS-CIRCUIT
ACCESSORIES

DIMENSIONS ARE IN[MM]				
TOLERANCES:				
-0.787" [20]	-1.969" [50]	-5.906" [150]	5.906" [150]	ANGLE
±0.008" [0.2]	±0.010" [0.4]	±0.020" [0.5]	±0.059" [1.5]	±2°
3rd Angle Projection				

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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	
INTERPRET GEOMETRIC TOLERANCING PER:	
MATERIAL	
FINISH	
DO NOT SCALE DRAWING	

PIN ASSIGNMENTS		T568B	T568A
	1	WHITE/ORANGE	WHITE/GREEN
	2	ORANGE	GREEN
	3	WHITE/GREEN	WHITE/ORANGE
	4	BLUE	BLUE
	5	WHITE/BLUE	WHITE/BLUE
	6	GREEN	ORANGE
	7	WHITE/BROWN	WHITE/BROWN
	8	BROWN	BROWN



NAME	DATE	TITLE:		
DRAWN	Rita Lee	GigaBase2 Universal Jack		
ENG APPR.	Kihai Lee	Category 5e, Blue		
CHECKED	Max Wang			
COMMENTS:		SIZE	DWG. NO.	REV
		B	FMT920-R2	A
		SCALE: X		SHEET 1 OF 1