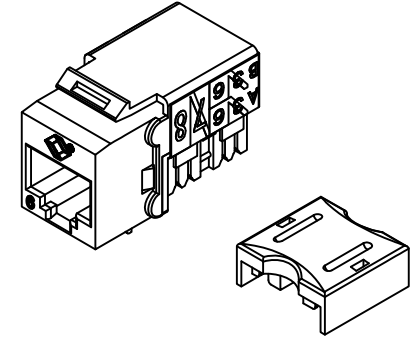
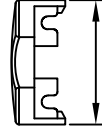
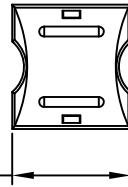
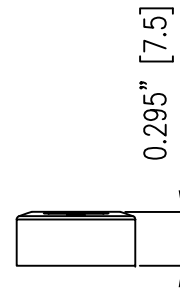
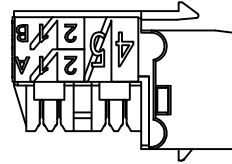
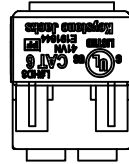
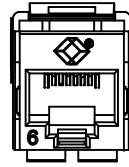
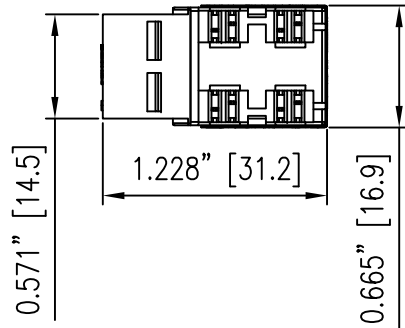
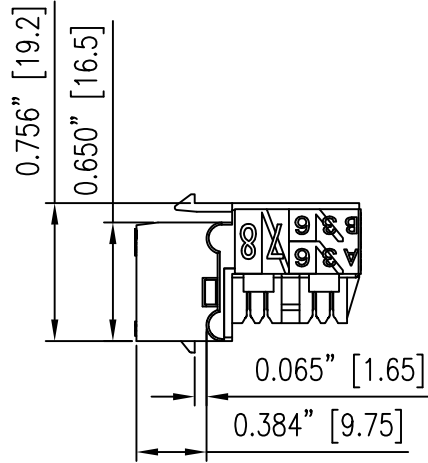




MATERIAL

Housing: High-impact Acrylonitrile Butadiene Styrene (ABS resin), UL 94 V-0 rated
Jack Contacts: 5100W spring temper Phosphor Bronze round wire, $\varnothing=0.018$ in (0.45 mm), plated with 50 μ in (1.27 μ m) thick hard gold over 100 μ in (2.54 μ m) thick nickel underplate
PCB: FR4
IDC Terminals: C5191R-H Phosphor Bronze, $t=0.016$ in (0.4 mm), plated with 200 μ in (5.08 μ m) thick tin over 50 μ in (1.27 μ m) thick nickel underplate
IDC Block: High-impact Polycarbonate (PC resin), UL 94 V-0 rated
RoHS compliant

WIRE RANGE

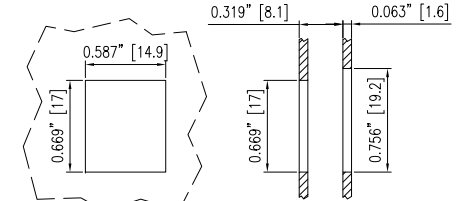
Conductor Diameters: 0.020 in (0.51 mm) 24 AWG - 0.025 in (0.64 mm) 22 AWG
Insulation Diameters: 0.032 in (0.8 mm) - 0.039 in (1.0 mm)
Cable Diameters: 0.197 in (5 mm) - 0.354 in (9 mm)

PERFORMANCE

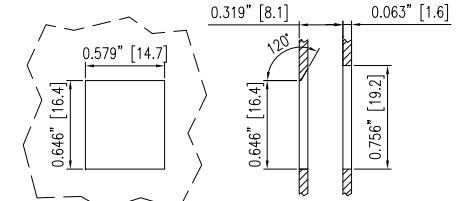
Rating: TIA-568-C.2, Category 6
MHz Rating: 1 - 250 MHz
Bandwidth Support: 10/100/1000 Mbps
Compliant: Meets TIA-568-C.2 Category 6
Connecting Hardware Requirement for Component Level
Insertion Cycles: 750 Times for 8P Modular Plug
Cable Re-termination Cycles: 20 Times

SUGGESTED CUTOUT: FLUSH-MOUNT APPLICATION

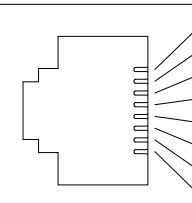
METAL



PLASTIC



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

DRAWN BY Ethan Wu	
APPROVED BY Jerry Su	
DIMENSIONS ARE IN [MM]	
TOLERANCES:	
~20	~50
~150	150~
~2	ANGLE
±0.2	±0.4
±0.5	±1.5
3rd Angle Projection	2°

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TITLE GigaTrue2 Universal Component Jack Category 6, Office White	
PARTS NO. FMT635-R3	REV. 1
DATE 2012.04.19	SCALE X
SHEET 1/1	