



MATERIAL

Housing: High-impact Acrylonitrile Butadiene Styrene (ABS resin), UL 94 V-0 rated
 Jack Contacts: 5100W spring temper phosphor bronze round wire, Ø= 0.018 in (0.45 mm), plated with 50 µin (1.27 µm) minimum thick hard gold over 100 µin (2.54 µm) minimum thick nickel underplate
 PCB: FR4, UL 94 V-0 rated
 IDC Terminals: C5191R-H phosphorous bronze, t=0.016 in (0.4 mm), plated with 200 µin (5.08 µm) minimum thick tin over 50 µin (1.27 µm) minimum 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 Support: 1-250 MHz
 Compliant: TIA-568-C.2 Cat.6 Channel performance
 Bandwidth Support: 10/100/1000 Mbps



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 Autumn Lee	
APPROVED BY Jerry Su	
DIMENSIONS ARE [IN (MM)]	
TOLERANCES:	
~0.8"	~2"
~6"	6"~
ANGLE	
±0.007"	±0.015"
±0.02"	±0.06"
2'	
3rd Angle Projection	

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TITLE
GigaTrue 2 Universal Jack Category 6, Yellow

PARTS NO. FMT640-R2	REV. 1
DATE 2010/12/07	SCALE X
SHEET 1/1	