



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	

Another quality product from BLACK BOX 724-746-8300 • www.blackbox.com	
TITLE GigaTrue 2 Universal Jack Category 6, Blue	
PARTS NO. FMT630-R2	REV. 1
DATE 2010/12/07	SCALE X
SHEET 1/1	