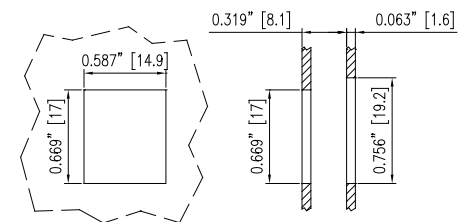
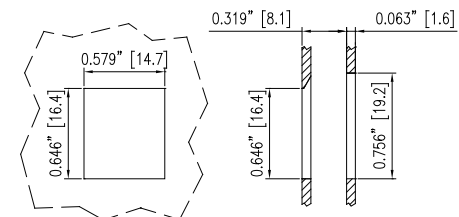


SUGGESTED CUTOUT: FLUSH-MOUNT APPLICATION

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

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) minimum thick hard gold over 100 μ in (2.54 μ m) 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 μ in (5.08 μ m) minimum thick tin over 50 μ in (1.27 μ m) 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 5e
 MHz Support: 1-100 MHz
 Compliant: TIA-568-C.2 Cat.5e Channel performance
 Bandwidth Support: 10/100/1000 Mbps



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

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TITLE GigaBase 2 Universal Jack Category 5e, Yellow		PARTS NO. FMT930-R2		REV. 1
DATE 2010/12/07	SCALE X	SHEET 1/1		