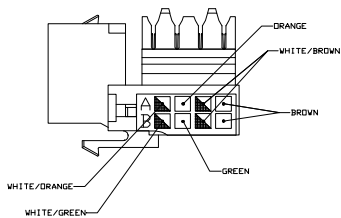
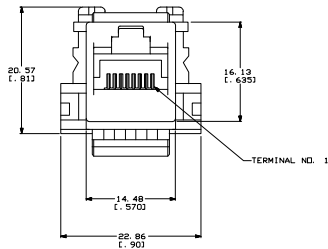
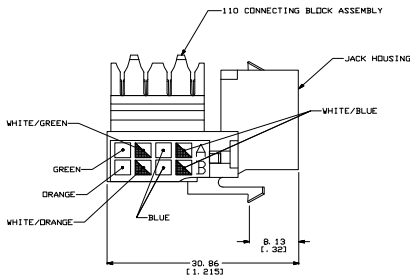


Category 5e 110Connect Modular Jacks

406372-X



TE Connectivity's Category 5e 110Connect modular jacks exceed Enhanced Category 5 ANSI/TIA-568-C.2 and Category 5 ISO/IEC 11801 component requirements and Enhanced Category 5/Class D system performance. TE's Category 5e System complies with all of the performance requirements for current and proposed applications such as Gigabit Ethernet (100BASE-Tx), 10/100BASE-Tx, token ring, 155 Mbps ATM, 100 Mbps TP-PMD, ISDN, analog (broadband [550 MHz] and baseband) and digital video and analog and digital voice (VoIP). TE's CAT 5e 110Connect modular jacks feature universal wiring labels which permit field installation to either T568A or T568B wiring, simplifying both ordering and inventory. The 110Connect punchdown blocks are compatible with both standard 110 and TE single wire tools. TE's Category 5e 110Connect modular jacks are available in keyed or unkeyed versions.

SPECIFICATION (TEXT IN BRACKETS [] REQUIRES A CHOICE)

Modular jacks shall be RJ-45 (8-position – 4-pair) and shall meet ANSI/TIA-568-C.2 requirements for Category 5e component performance as well as the performance requirements listed in the following table [include Performance Characteristics table from second page]. Modular jacks shall fit in a .790" X .582" opening. Modular jacks shall be terminated using a 110-style pc board connector, color-coded for both T568A and T568B wiring. Each modular jack shall be wired to [T568A or T568B]. Modular jacks shall be UL Listed under file number E81956. Modular jacks shall be TE part number [406372-X (X indicates color, see part number table below)].

Category 5e 110Connect Modular Jacks

406372-X

Worst-Case Performance Characteristics (exceed ANSI/TIA-568-C.2 Category 5e)

Frequency, MHz	Attenuation, dB		NEXT, dB		PS NEXT, dB		FEXT, dB		Return Loss, dB	
	Standard	Max.	Standard	Min.	Standard	Min.	Standard	Min.	Standard	Min.
1	0.1	0.03	65.0	84.7	-	82.7	65.0	79.7	35.0	55.9
4	0.1	0.03	65.0	74.1	-	71.7	63.1	71.8	35.0	50.3
8	0.1	0.03	64.9	68.2	-	66.0	57.0	66.2	35.0	45.7
10	0.1	0.03	63.0	66.2	-	64.0	55.1	64.3	35.0	44.0
16	0.2	0.04	58.9	62.2	-	60.0	51.0	60.5	35.0	40.5
20	0.2	0.05	57.0	60.2	-	58.0	49.1	58.6	34.0	38.8
25	0.2	0.06	55.0	58.2	-	56.0	47.1	56.7	32.0	37.0
31.25	0.2	0.07	53.1	56.2	-	54.1	45.2	54.8	30.1	35.2
62.5	0.3	0.07	47.1	49.9	-	47.4	39.2	48.9	24.1	29.7
100	0.4	0.11	43.0	46.5	-	43.2	35.1	44.7	20.0	26.2
155	-	0.20	-	38.1	-	37.3	-	29.1	-	18.8
200	-	0.22	-	33.4	-	35.1	-	26.8	-	16.2
250	-	0.24	-	29.0	-	33.0	-	24.7	-	13.9
300	-	0.27	-	27.2	-	31.4	-	23.2	-	12.2
350	-	0.29	-	24.6	-	30.0	-	21.8	-	10.5

SPECIFICATIONS

Materials

Housing: Polycarbonate, 94V-0 rated
110 Connecting Blocks: Polycarbonate, 94V-0 rated
Contacts: Phosphorous bronze, plated with 1.27µm [.000050in] thick gold in localized area and 3.81µm [.000150in] minimum thick matte tin in solder area over 1.27µm [.000050in] minimum thick nickel underplate.

Durability

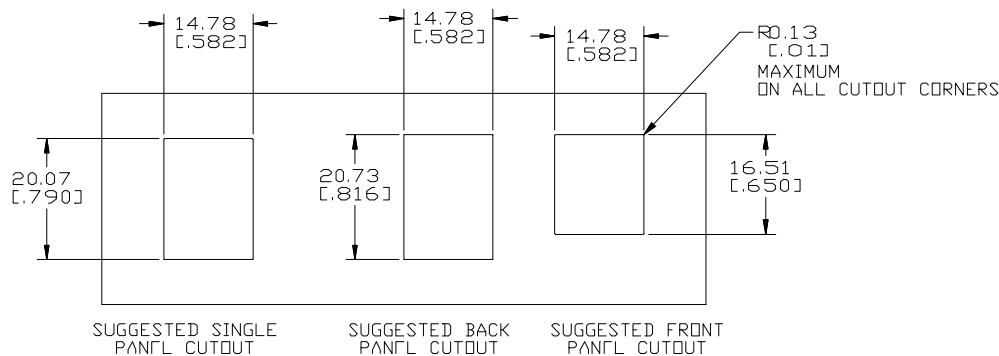
Modular Jack: 750 mating cycles
110 Blocks: 200 termination cycles
Mounting panel thickness: 1.473 - 1.600 mm [.058 - .063"]

Packaging

Modular Jack: 1 per bag/25 bags per carton, weight - 0.87 lb/carton
Approvals: UL Listed, file number E81956



CUTOUT DIMENSIONS



Category 5e 110Connect Modular Jacks

406372-X

ORDERING INFORMATION

Product Description		Part Number
Category 5e, 110Connect Modular Jack	Unkeyed	406372-X*

*X denotes color: -1 = Almond , -2 = Black , -3 = White , -4 = Gray , -5 = Orange , -6 = Blue , -7 = Red ,
-8 = Yellow , -9 = Green , 1- -0 = Violet , 1- -1 = Electrical Ivory, 1--3 Alpine White

DATA SHEET



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