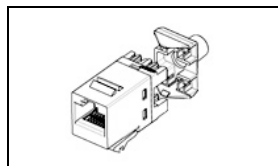


1375191-3 Product Details



1375191-3

TE Internal Number: 1375191-3



Cable Mounted Jacks



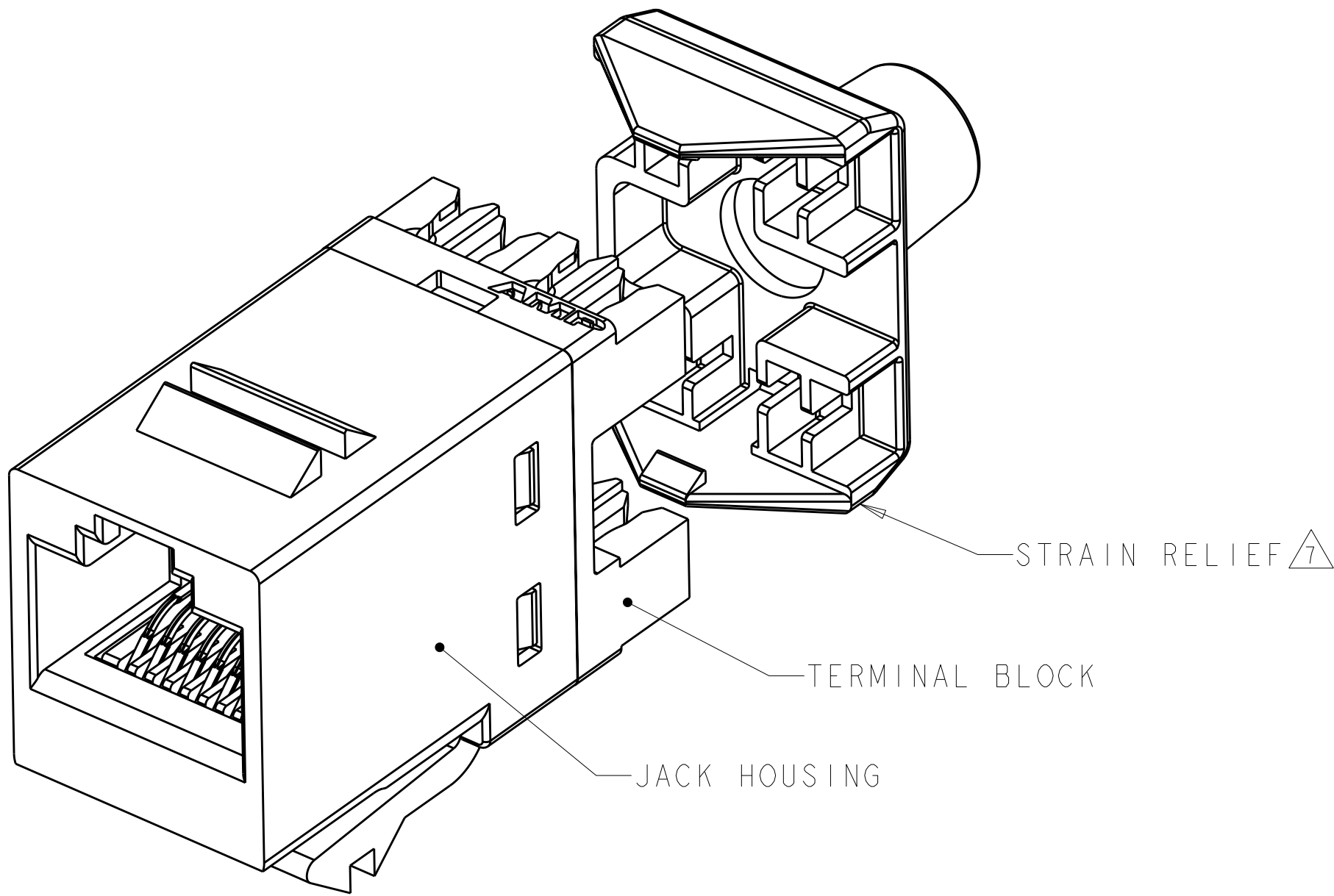
Product Highlights:

- Connector - Modular
- Region = Asia, EMEA, Latin America, North America, Australia/New Zealand
- Jack Type = RJ45, UTP
- Performance Category = Cat 5e
- Not Shielded

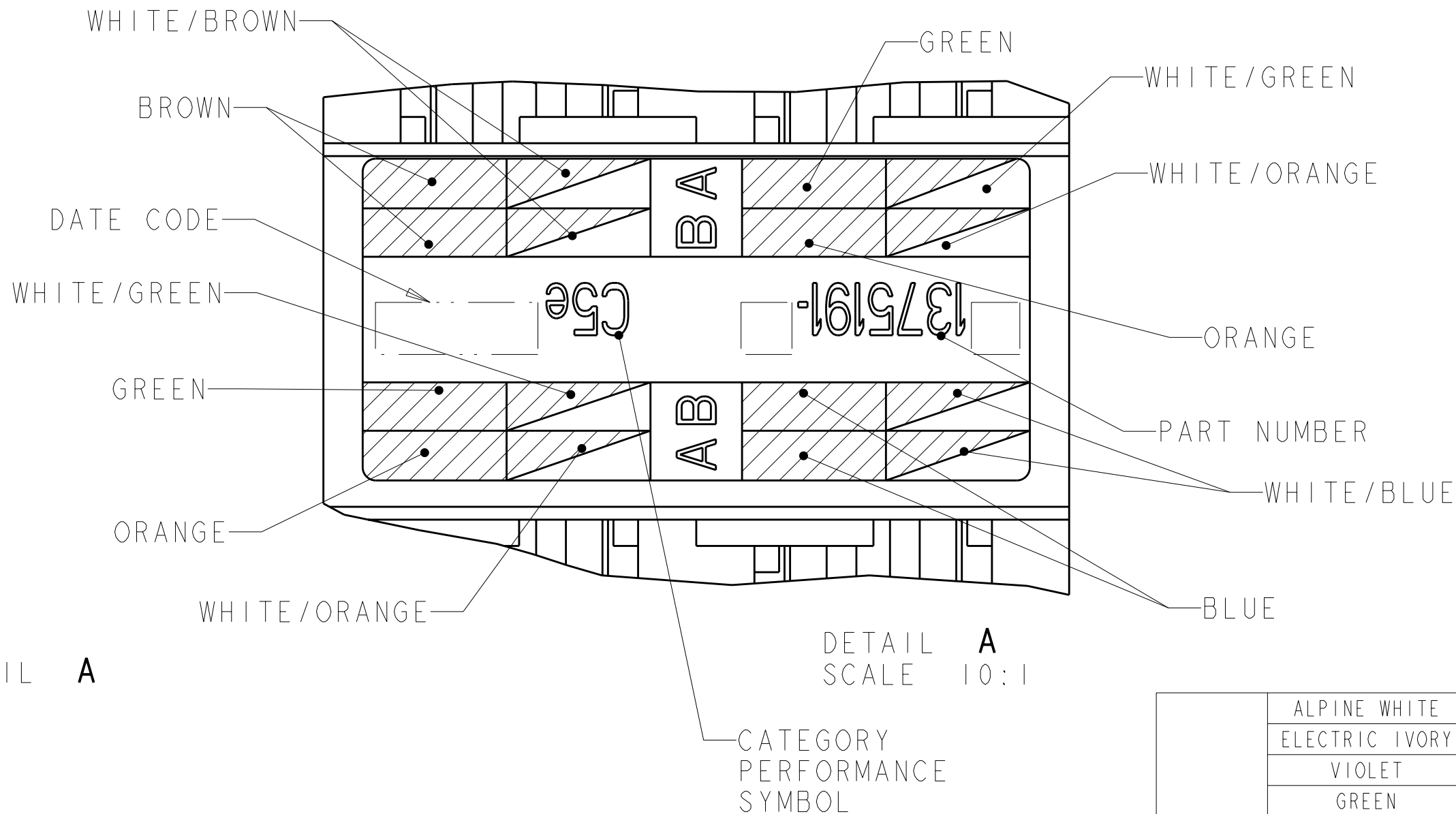
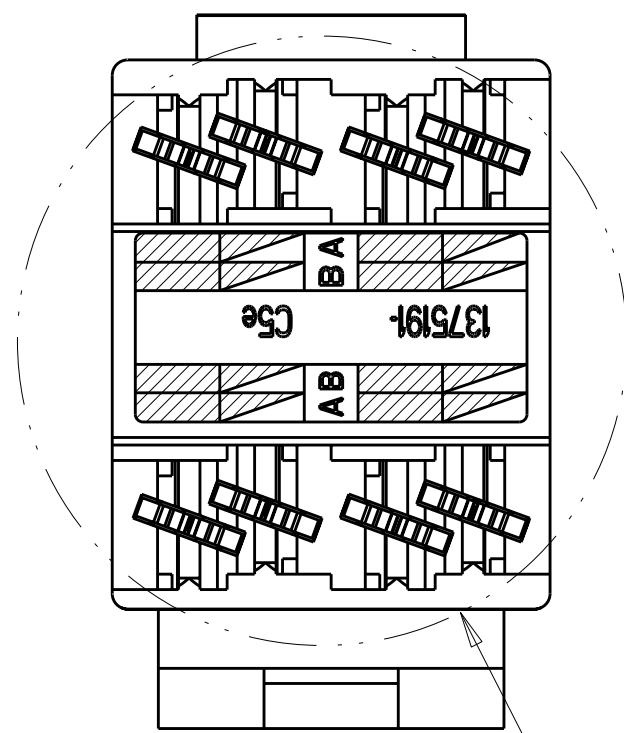
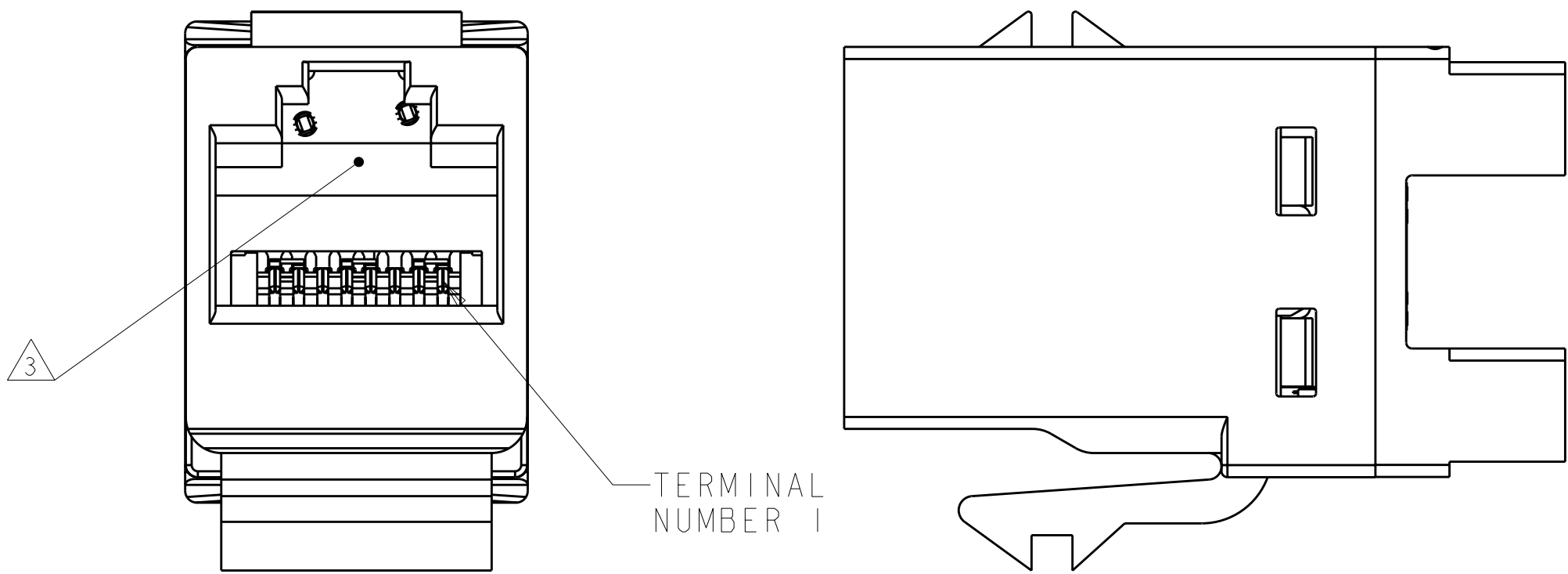
Documentation & Additional Information	
Product Drawings: • ASSEMBLY, SL 110 JACK, CATEGORY 5e (PDF, English) Catalog Pages/Data Sheets: • Category 5e UTP Solution Ordering Guide (PDF, English) Product Specifications: • NETCONNECT SL Series Jacks and Category 6 Plugs (PDF, English) • NETCONNECT SL Series Category 5e Jacks (PDF, English) • SL Series Jacks, Category 5e (PDF, English) Application Specifications: • None Available Instruction Sheets: • SL, KL, and Secure SL Series 110Connect Modular Jacks (PDF, English) CAD Files: (CAD Format & Compression Information) • 2D Drawing (DXF, Version V) • 3D Model (IGES, Version V) • 3D Model (STEP, Version V)	Additional Information: • Product Line Information Related Products: • Tooling

Product Features (Please use the Product Drawing for all design activity)	
Product Type Features: • Product Type = Connector - Modular • Jack Type = RJ45, UTP • Performance Category = Cat 5e • Termination Style = SL Termination Tool • Series = SL Series • Wiring Pattern = Universal • Keyed = No Electrical Characteristics: • Shielded = No Dimensions: • Conductor Outer Diameter (mm [in]) = 1.45 [0.057] Body Features: • Mount Type = Panel Mount, SL Series Faceplate • Wire Range (Solid) (mm [AWG]) = 0.51 [24], 0.65 [22] • Wire Range (Stranded) (mm² [AWG]) = 0.20² [24], 0.14² [26] • 110 Block Material = Polycarbonate Contact Features: • Contact Base Material = Beryllium Copper • Contact Plating, Mating Area, Material = Gold • Contact Plating, Mating Area, Thickness (µm [µin]) = 1.27 [50]	Housing Features: • Housing Color = White • Housing Material = Polycarbonate • UL Flammability Rating = UL 94V-0 Configuration Features: • Dust Cover = Without • Number of Positions = 8 Industry Standards: • RoHS/ELV Compliance = RoHS compliant, ELV compliant • Lead Free Solder Processes = Not relevant for lead free process • RoHS/ELV Compliance History = Converted to comply with RoHS directive Packaging Features: • Packaging Method = Poly Bag • Packaging Quantity = 1 Product Availability: • Region = Asia, EMEA, North America, Latin America, Australia/New Zealand Other: • Brand = TE Connectivity • Comment = With strain relief.

LOC		DIST		REVISIONS			
HM	00	F	LYR	DESCRIPTION	DATE	DWN	APVD
		J2	REV: ECO-11-014010		07JUL2011	GG	SA



- 1 MATERIAL: JACK HOUSING - POLYCARBONATE, 94V-0 RATED.
110 BLOCK AND STRAIN RELIEF- POLYCARBONATE.
ARRAY TRAY - PBT POLYESTER.
JACK CONTACTS ARRAY - BERYLLIUM COPPER, PLATED WITH 1.27µm [.000050] MINIMUM THICK GOLD IN LOCALIZED AREA AND 3.81µm [.000150] MINIMUM THICK MATTE TIN IN BOARD INTERFACE AREA OVER 1.27µm [.000050] MINIMUM THICK NICKEL UNDERPLATE.
IDC TERMINALS - PHOSPHOROUS BRONZE, PLATED WITH 3.81µm [.00015] MINIMUM THICK MATTE TIN OVER 1.27µm [.00005] MINIMUM THICK NICKEL UNDERPLATE.
2. SL 110 JACK WILL TERMINATE 22-24 AWG SOLID AND 24-26 AWG STRANDED CONDUCTORS, 1.27[.050] MAXIMUM INSULATION DIAMETER. JACK WILL ACCEPT CONDUCTORS UP TO 1.45 [.057] BUT REQUIRE THE USE OF A STRAIN RELIEF.
- 3 CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68 SUBPART F REQUIREMENTS.
4. MOUNTING PANEL THICKNESS 1.47 - 1.60 [.058 - .063].
- 5 THESE TWO SUGGESTED CUTOUT OPENINGS ARE USED IN TANDEM WITH DUAL FRONT AND BACK CUTOUTS.
- 6 ONE MODULAR JACK ASSEMBLY AND ONE STRAIN RELIEF PER POLYBAG.
- 7 USE OF STRAIN RELIEF IS OPTIONAL.
- 8 REFER TO 408-8858 FOR TERMINATION INSTRUCTIONS USING SL SERIES TOOL TERMINATION. REFER TO 408-8417 FOR TERMINATION INSTRUCTIONS USING 110 PUNCH DOWN TOOL.
- 9 TWENTY-FIVE MODULAR JACKS PER POLYBAG.

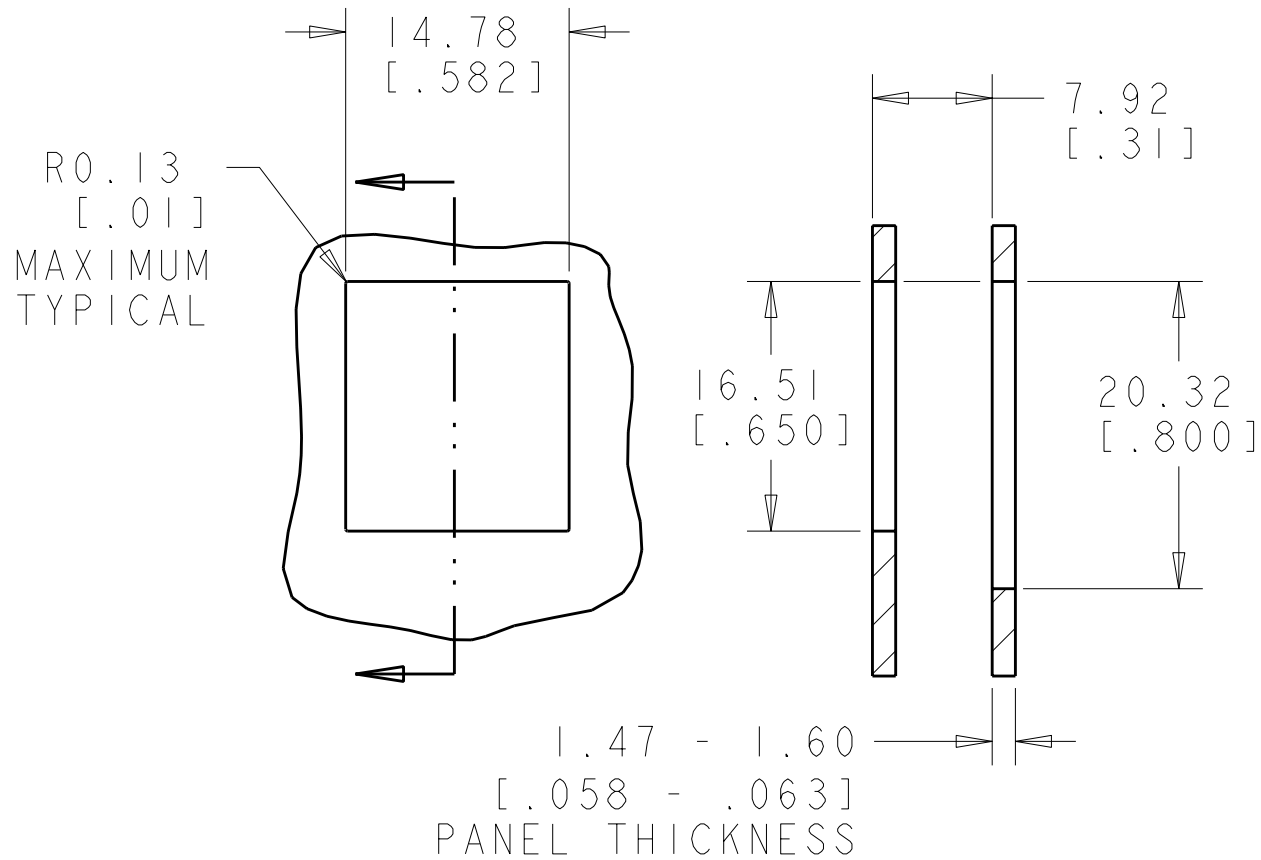
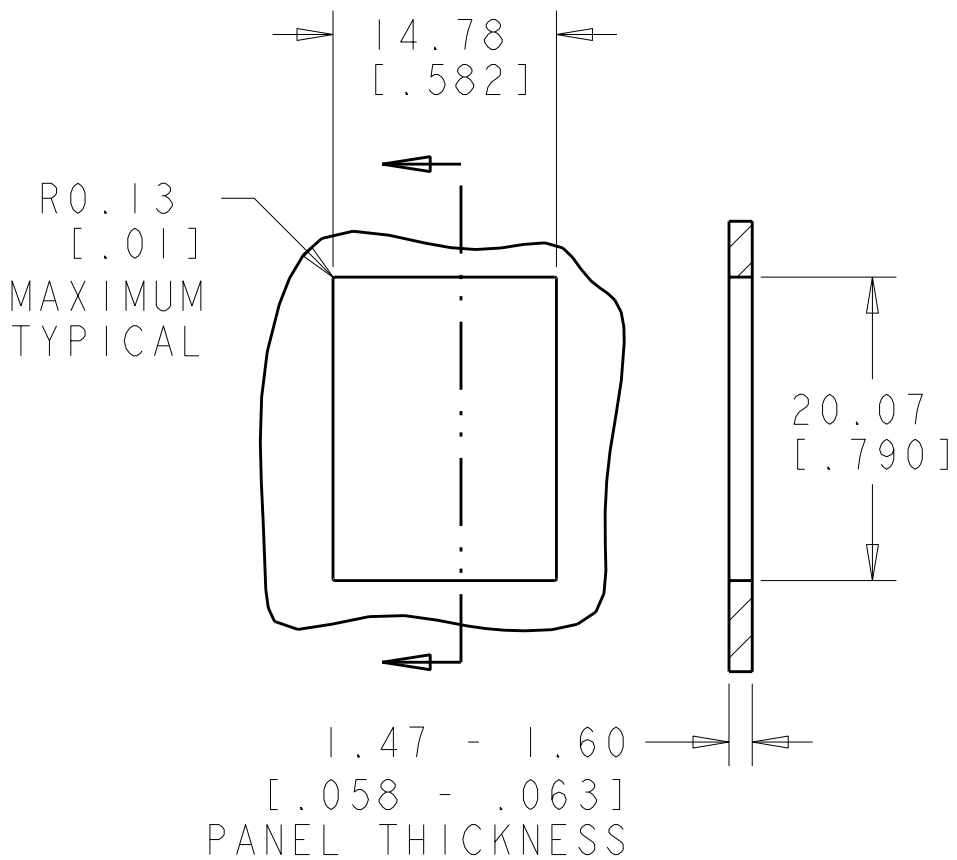


COLOR CODE	IDC TERMINAL	MODULAR JACK	
WHITE/BLUE			5
BLUE			4
WHITE/ORANGE			3
ORANGE			6
WHITE/GREEN			1
GREEN			2
WHITE/BROWN			7
BROWN			8

ELECTRICAL SCHEMATIC T568A

COLOR CODE	IDC TERMINAL	MODULAR JACK	
WHITE/BLUE			5
BLUE			4
WHITE/ORANGE			1
ORANGE			2
WHITE/GREEN			3
GREEN			6
WHITE/BROWN			7
BROWN			8

ELECTRICAL SCHEMATIC T568B



9	ALPINE WHITE	3-1375191-3
	ELECTRIC IVORY	3-1375191-1
	VIOLET	3-1375191-0
	GREEN	2-1375191-9
	YELLOW	2-1375191-8
	RED	2-1375191-7
	BLUE	2-1375191-6
	ORANGE	2-1375191-5
	NEMA GRAY	2-1375191-4
	WHITE	2-1375191-3
6	BLACK	2-1375191-2
	LIGHT ALMOND	2-1375191-1
	ALPINE WHITE	1-1375191-3
	ELECTRIC IVORY	1-1375191-1
	VIOLET	1-1375191-0
	GREEN	1375191-9
	YELLOW	1375191-8
	RED	1375191-7
	BLUE	1375191-6
	ORANGE	1375191-5
PACKAGE HOUSING COLOR		PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN T. PITTS 05NOV01	TE Connectivity
DIMENSIONS: MME[Inches]		CHK L. SMITH 15NOV01	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD C. DOOLEY 15NOV01	NAME ASSEMBLY, SL 110 JACK, CATEGORY 5e
9 PLC ±		PRODUCT SPEC 108-1990	
3 PLC ±		108-1990-2	SIZE CAGE CODE DRAWING NO
3 PLC ±		APPLICATION SPEC	
4 PLC ±		8	RESTRICTED TO
MATERIAL		WEIGHT	
FINISH		CUSTOMER DRAWING	SCALE 4:1 SHEET 1 OF 1 REV J2