

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
HM	00		E	REV PER ECO-13-001392	25 JAN2013	JM	SJ

1. MATERIAL: JACK HOUSING - POLYCARBONATE, 94V-0 RATED.
110 BLOCK AND BEND LIMITING STRAIN RELIEF - POLYCARBONATE.
ARRAY TRAY - PBT POLYESTER.
JACK CONTACTS ARRAY - BERYLLIUM COPPER, PLATED WITH
1.27µm [1.000050] MINIMUM THICK GOLD IN LOCALIZED
AREA AND 3.81µm [1.000150] MINIMUM THICK MATTE TIN IN
BOARD INTERFACE AREA OVER 1.27µm [1.000050] MINIMUM THICK
NICKEL UNDERPLATE.
IDC TERMINALS - PHOSPHOROUS BRONZE, PLATED WITH
3.81µm [1.00015] MINIMUM THICK MATTE TIN OVER
1.27µm [1.00005] MINIMUM THICK NICKEL UNDERPLATE.

2. KLS JACK WILL TERMINATE 22-24 AWG SOLID CONDUCTORS,
1.27[1.050] MAXIMUM INSULATION DIAMETER. JACK WILL ACCEPT
CONDUCTORS UP TO 1.45 [1.057] BUT REQUIRE THE USE OF A
STRAIN RELIEF

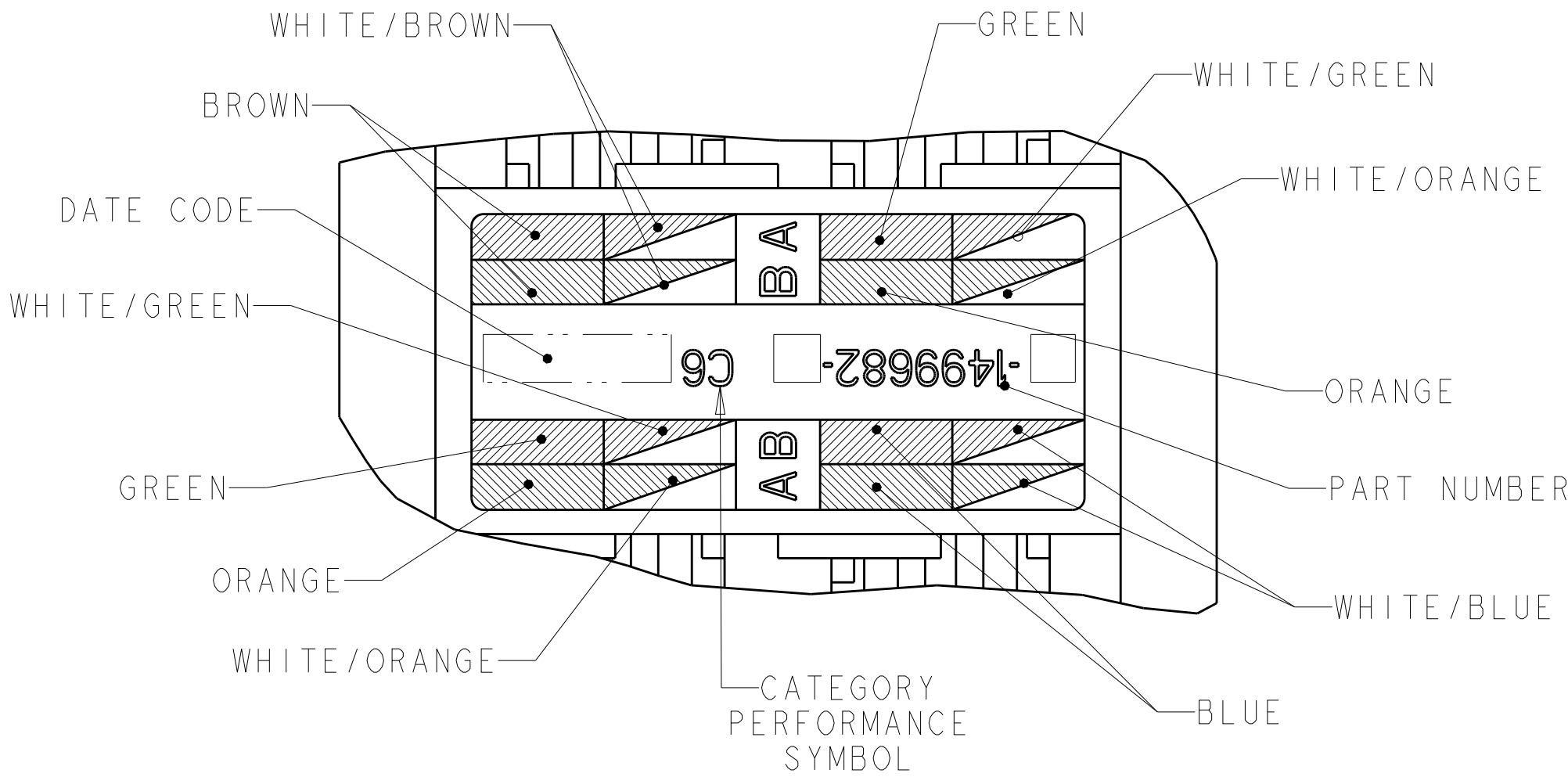
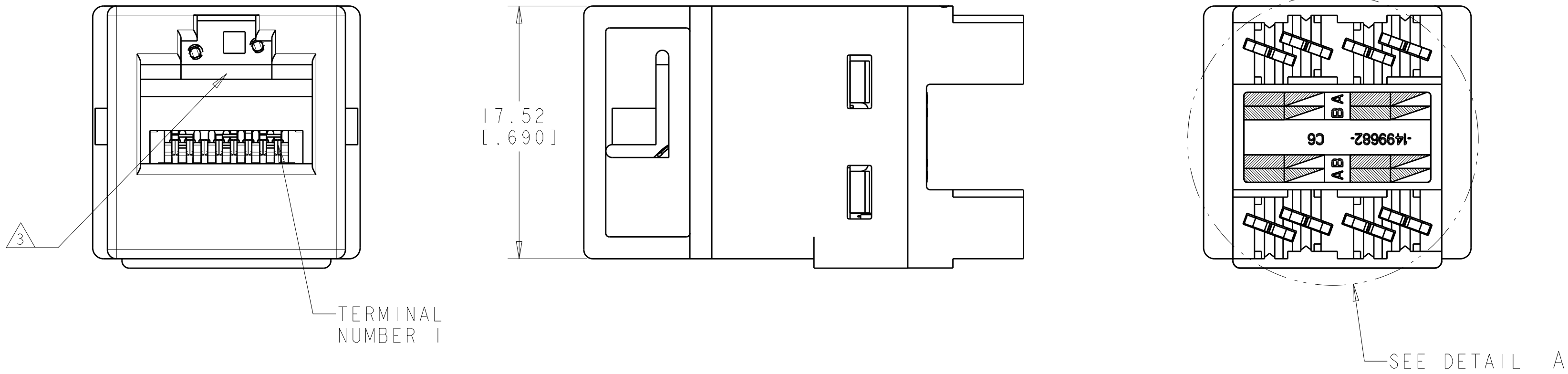
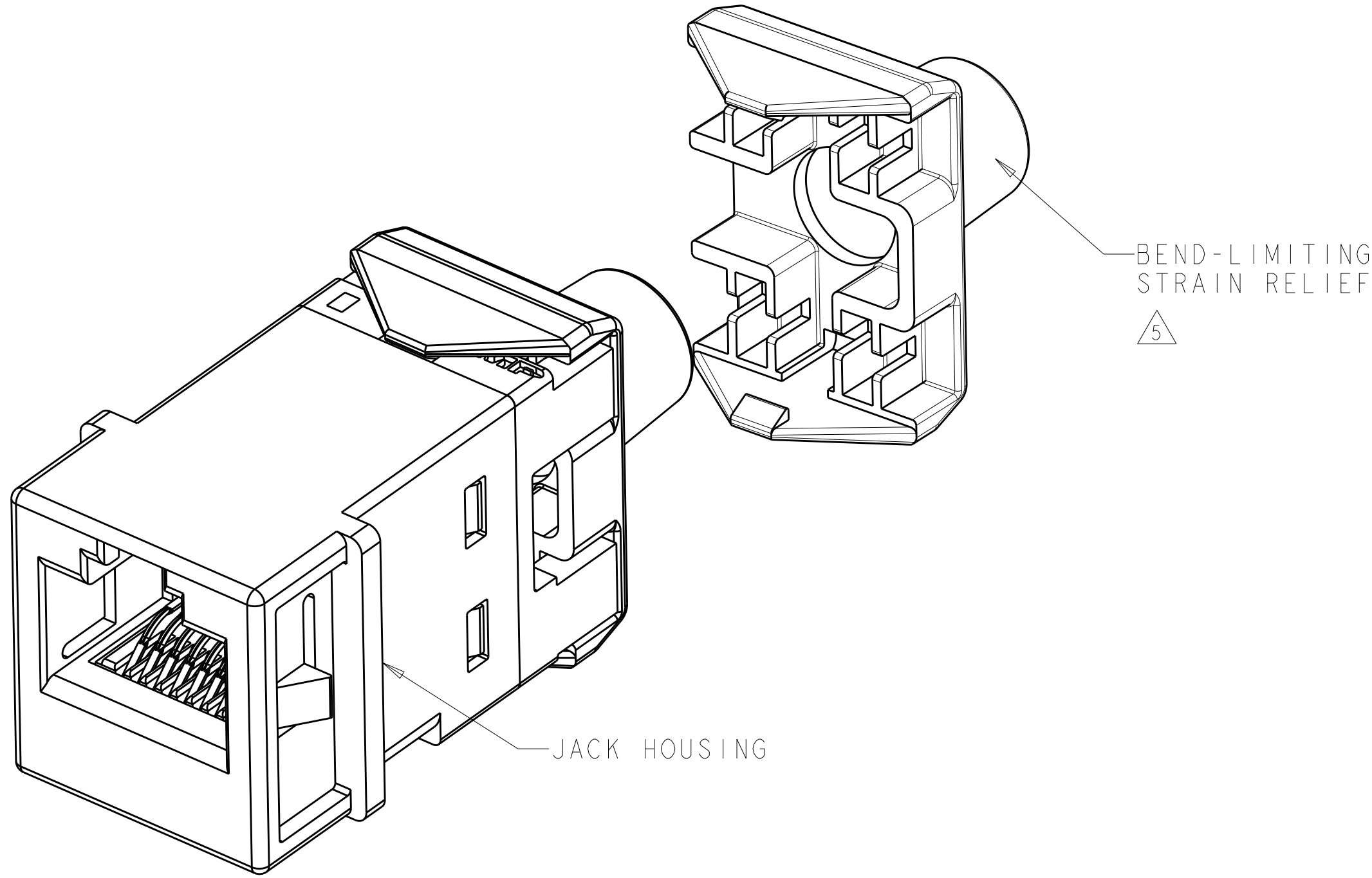
3. CAVITY CONFORMS TO FCC RULES AND REGULATIONS
PART 68 SUBPART F REQUIREMENTS.

4. ONE MODULAR JACK ASSEMBLY PER POLYBAG.

5. USE IS OPTIONAL.

6. REFER TO 408-8858 FOR TERMINATION INSTRUCTIONS USING SL
SERIES TOOL TERMINATION. REFER TO 408-8417 FOR TERMINATION
INSTRUCTIONS USING 110 PUNCH DOWN TOOL.

7. APPLICATION: KLS SERIES JACKS ARE COMPATIBLE WITH COMMSCOPE
SYSTMIX(R) M-SERIES FACEPLATES.



DETAIL A
SCALE 8:1

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

	ELECTRIC IVORY	I-1499682-1
	GREEN	1499682-9
	YELLOW	1499682-8
	BLUE	1499682-6
	WHITE	1499682-3
	BLACK	1499682-2
	LIGHT ALMOND	1499682-1
PACKAGE	HOUSING COLOR	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J MCNEAL	24FEB2006	 TE Connectivity	
DIMENSIONS: MM[inches]		CHK P PEPE	24FEB2006		
		APVD P PEPE	24FEB2006		
		NAME ASSEMBLY, CAT 6, UTP, KLS SERIES			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		APPLICATION SPEC	
0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		-			
FINISH		WEIGHT		SIZE CASE CODE DRAWING NO	
-		-		A100779C=1499682	
MATERIAL		CUSTOMER DRAWING		RESTRICTED TO	
-		-		-	
				SCALE 6:1 SHEET 1 OF 1 REV E	