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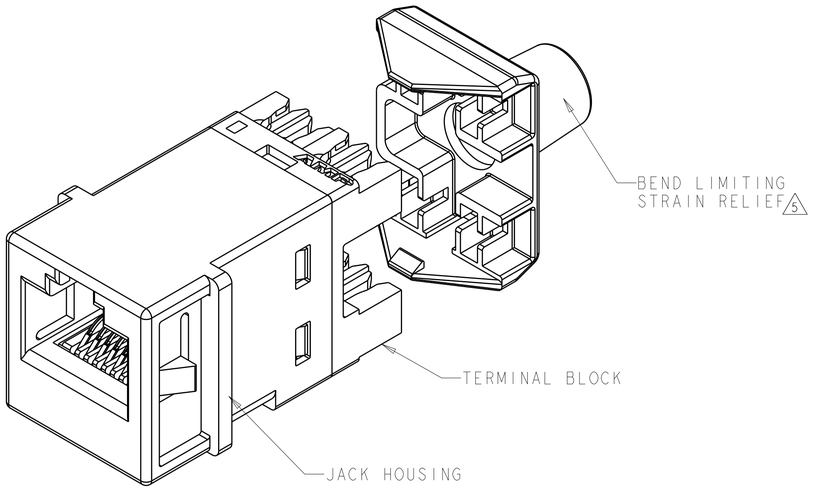
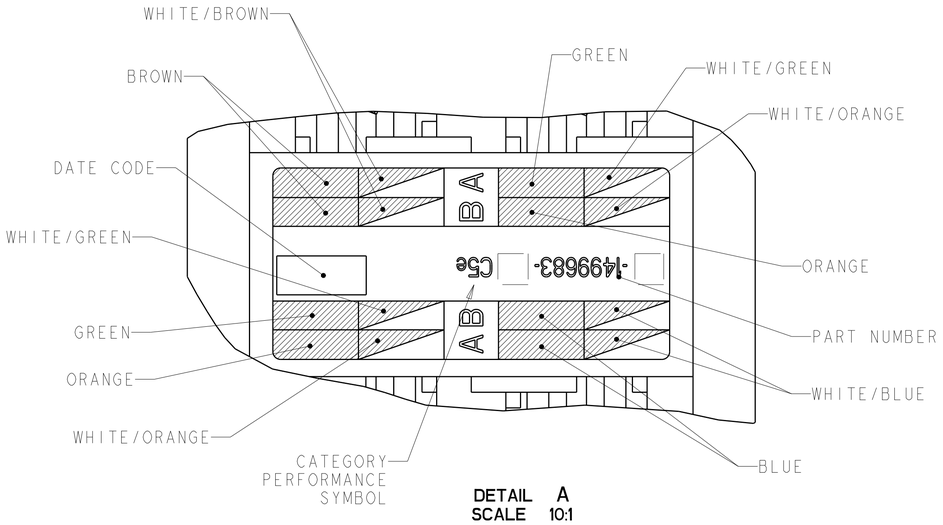
LOC	DIST
HM	00

REVISIONS

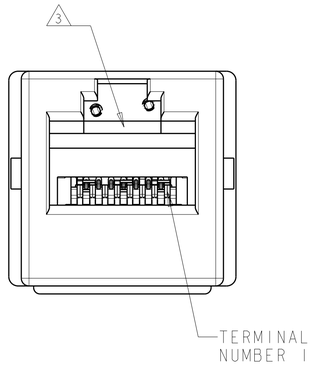
P	LTR	DESCRIPTION	DATE	DWN	APVD
	E	REV PER ECO-13-000991	23JAN2013	JM	SJ
	F	REV; ECO-15-007052	08MAY2015	GG	LS

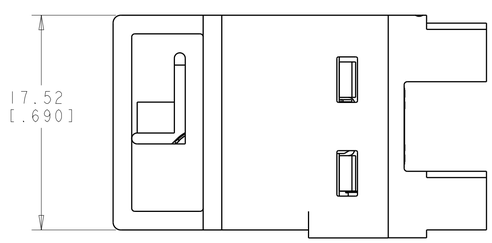


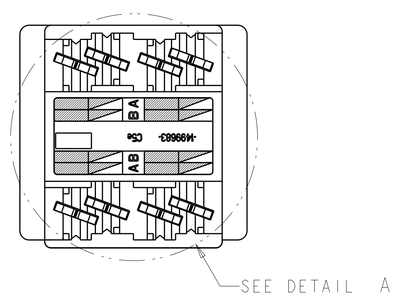


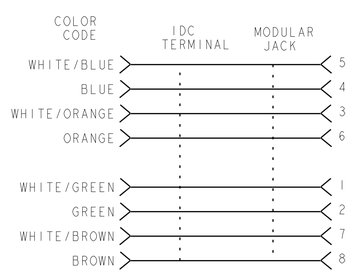
DETAIL A
SCALE 10:1

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. KLS 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. ONE MODULAR JACK ASSEMBLY AND ONE STRAIN RELIEF PER POLYBAG. USE OF STRAIN RELIEF IS OPTIONAL.
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. KLS SERIES JACKS ARE COMPATIBLE WITH COMMSCOPE SYSTIMAX (R) M-SERIES FACEPLATES.

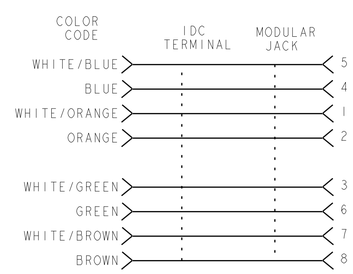








ELECTRICAL SCHEMATIC
T568A



ELECTRICAL SCHEMATIC
T568B

4	ELECTRIC IVORY	1-1499683-1
	GREEN	1499683-9
	YELLOW	1499683-8
	BLUE	1499683-6
	WHITE	1499683-3
	BLACK	1499683-2
	LIGHT ALMOND	1499683-1
PACKAGE	HOUSING COLOR	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM[Inches]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±-
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL - 1
FINISH -

DWN J MCNEAL 26FEB2006
CHK P PEPE 26FEB2006
APVD P PEPE 26FEB2006
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME ASSEMBLY, CAT5e, UTP, KLS SERIES

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1499683	-

Customer Drawing SCALE 4:1 SHEET 1 OF 1 REV F

4805 (3/11)