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LOC	DIST
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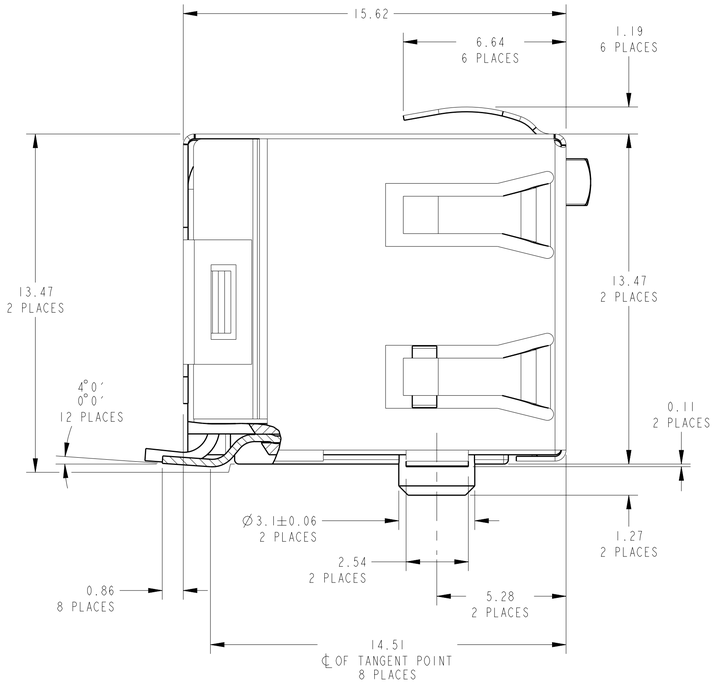
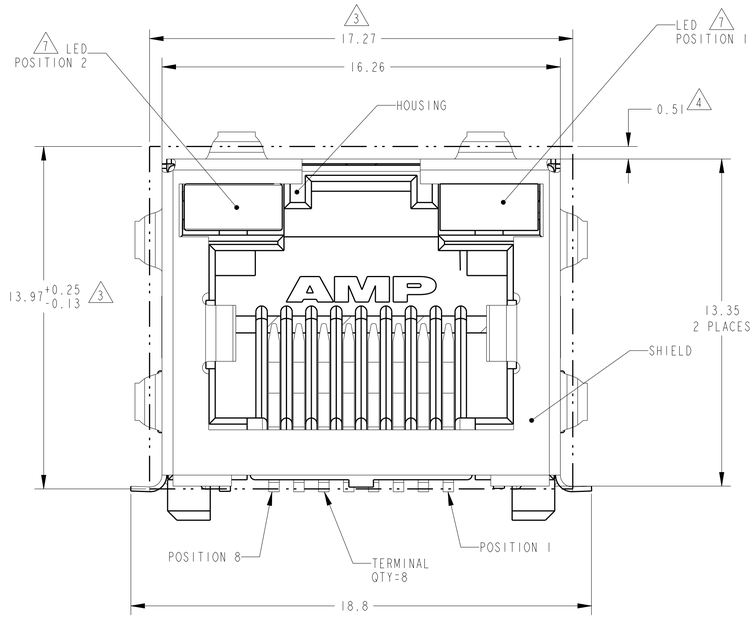
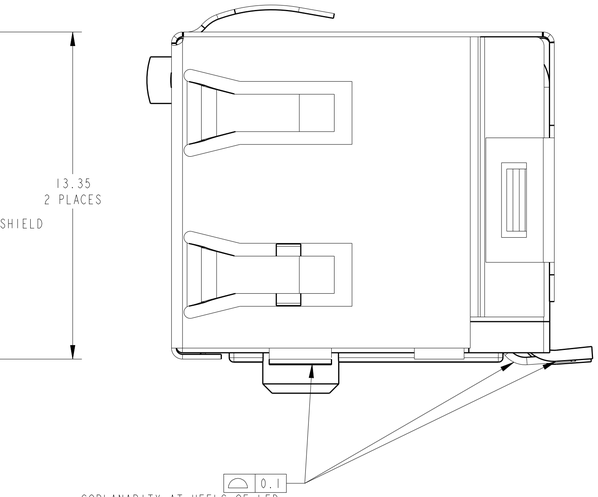
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	12AUG2012	SS	RRP







1. MATERIAL:
   HOUSING - HIGH TEMP THERMOPLASTIC - LCP, BLACK, UL94V-0
   TERMINALS - 0.30 THICK PHOS BRONZE PLATED WITH 3.81µm MINIMUM THICK MATTE TIN IN SOLDER AREA. 1.27µm MINIMUM GOLD IN LOCALIZED PLATE AREA. ENTIRE TERMINAL PLATED WITH 1.27µm MINIMUM THICK NICKEL.
   SHIELD - 0.196 THICK COPPER ZINC ALLOY PREPLATED WITH 2.03µm-3.81µm THICK MATTE TIN OVER 1.27µm THICK NICKEL
   LIGHT EMITTING DIODE (LED) -- DIFFUSED EPOXY LENS, 0.51 X 0.51 [.020 X .020] CARBON STEEL WIREFRAME LEADS PREPLATED WITH 8.89 µm [.000080] THICK Ag OVER 1.02 µm [.000040] THICK Cu OVER 3.56 µm [.000140] THICK Ni OVER 1.02 µm [.000040] Cu UNDERPLATE.
2. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68, SUBPART F
3. SUGGESTED PANEL OPENING DIMENSIONS. SEE APPLICATION SPEC 114-2154 FOR PANEL THICKNESS AND POSITION RECOMMENDATIONS
4. SUGGESTED CLEARANCE BETWEEN TOP OF CONNECTOR AND TOP PANEL OPENING
5. PACKAGED: POCKET TAPE & REEL (PER EAI 481 SPECIFICATIONS)

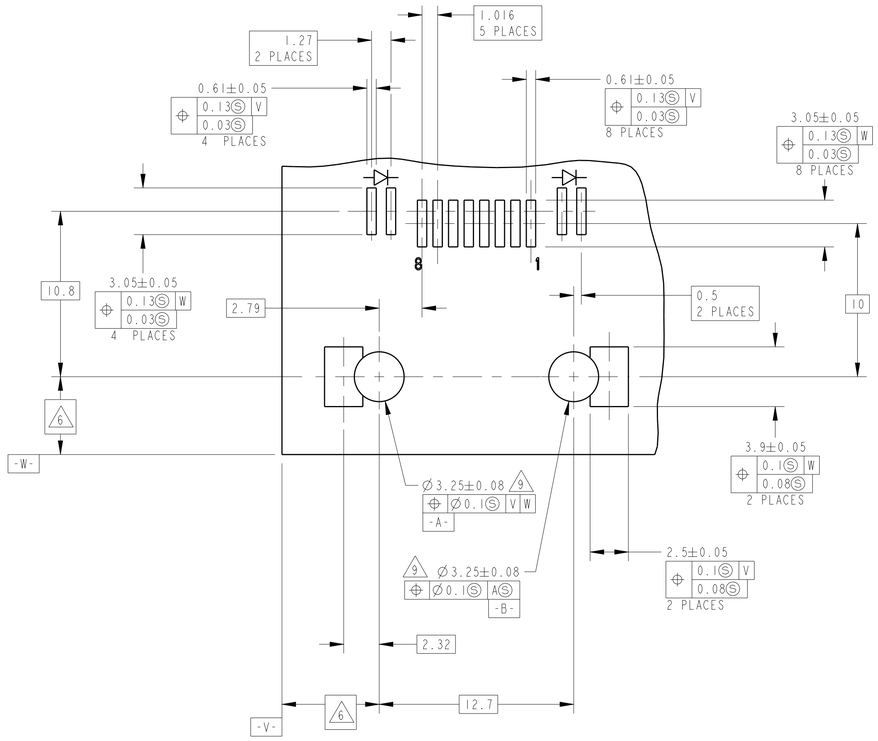
   POCKET TAPE WIDTH - 44mm
   POCKET PITCH - 24mm
   POCKET DEPTH - 16.7mm

   CLEAR COVER TAPE, PSA
   CLEAR COVER TAPE TRAILER - 610mm, WRAPPED ON REEL HUB

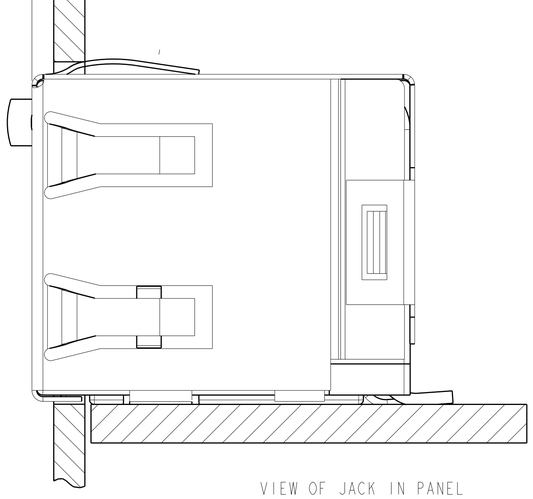
   PLASTIC REEL - 381mm DIAMETER

   PRODUCT QUANTITY - 200 PIECES PER REEL

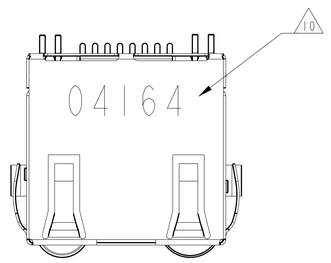
6. DATUM ESTABLISHED BY CUSTOMER
7. SEE TABLE FOR COLOR OF LEDS AND NUMBER REQUIRED
8. CONNECTOR SHOULD BE POSITIONED THRU PANEL CUTOUT AS SHOWN TO SUPPORT TOP OF MODULAR JACK FOR STRAIN RELIEF
9. ZERO INSERTION FORCE POST WITH RECOMMENDED PCB LAYOUT
10. MANUFACTURING DATECODE LOCATED APPROX AS SHOWN FIRST 2 DIGITS ARE YEAR, SECOND 2 DIGITS ARE WORK WEEK, LAST DIGIT IS THE DAY OF WEEK



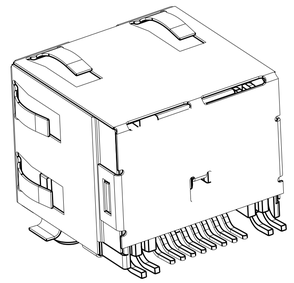
SUGGESTED PCB LAYOUT
(COMPONENT SIDE)



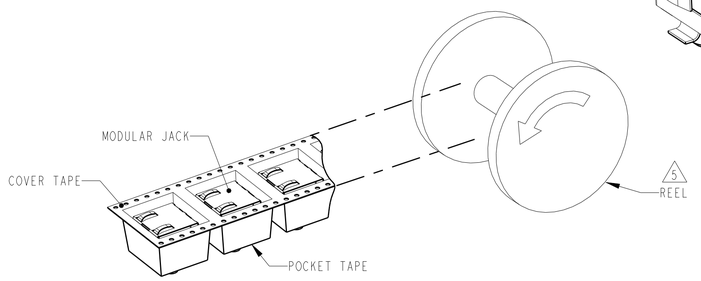
VIEW OF JACK IN PANEL



TOP VIEW
SCALE 4:1



SCALE 4:1



7	GREEN	GREEN	2178416-1
	POSITION 2	POSITION 1	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±0.25
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL SEE NOTE 1
FINISH SEE NOTE 1

DWN SUDHAKAR 12AUG2012
CHK SUDHAKRA 12AUG2012
APVD RAJENDRA 12AUG2012
PRODUCT SPEC 108-1163-7
APPLICATION SPEC 114-6040/114-2154
WEIGHT -

TE Connectivity

NAME INVERTED MODULAR JACK ASSEMBLY, 1x1, SHIELDED, SURFACE MOUNT, 8 POSITION, RJ45, WITH TWO LED'S

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2178416	-

Customer Drawing

SCALE	SHEET	OF	REV
8:1	1	1	A