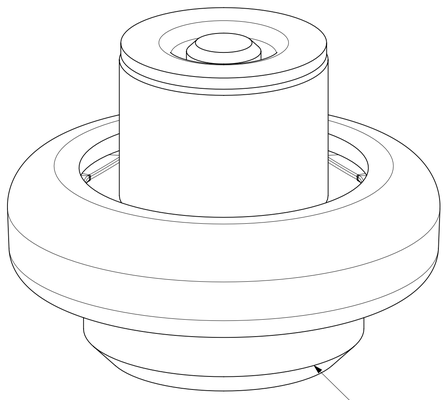
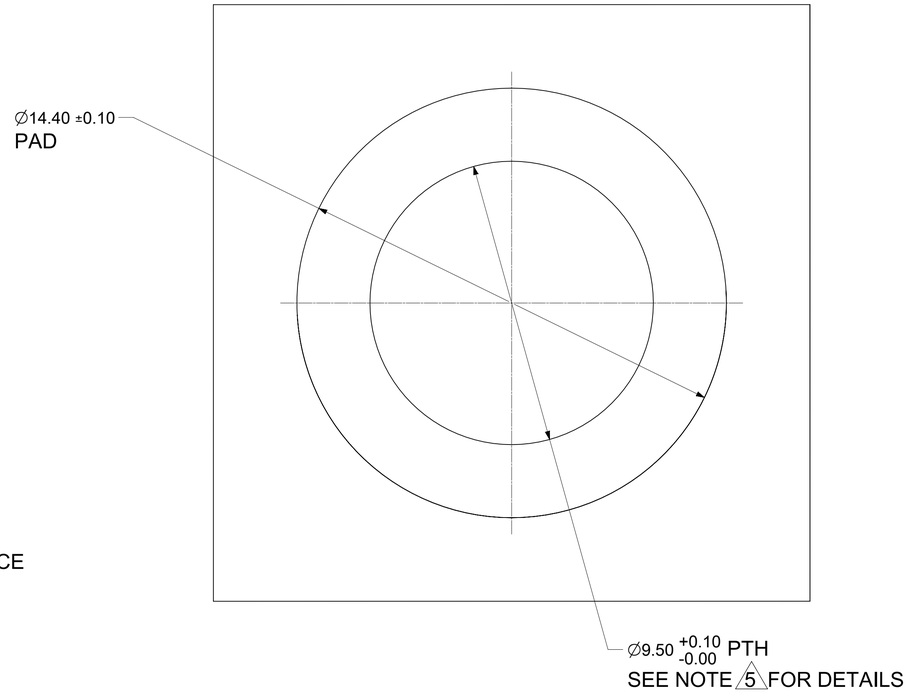
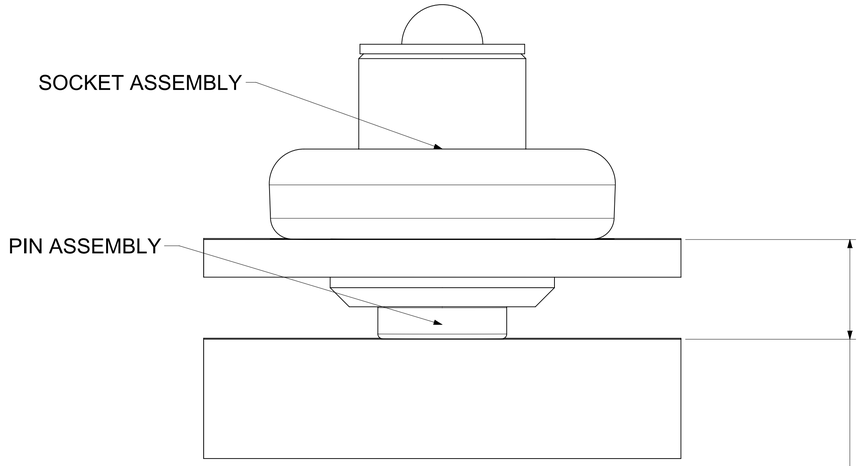
RECOMMENDED PCB LAYOUT

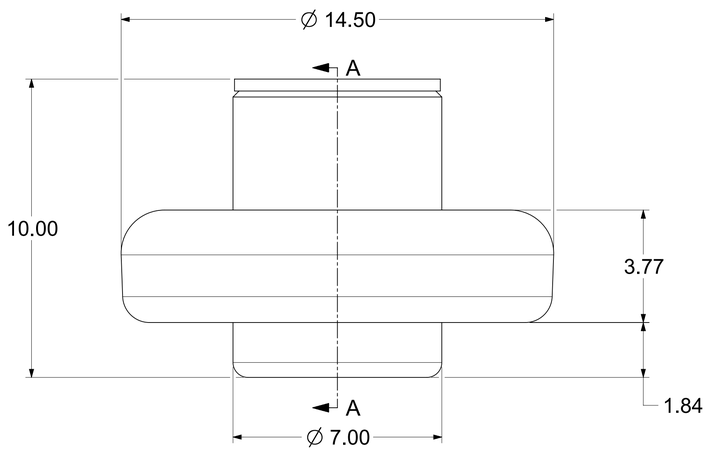


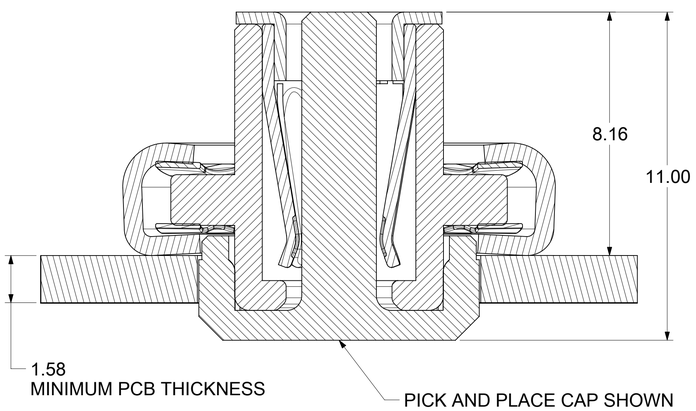




MATING PROFILE

RECOMMENDED
MINIMUM MATING
HEIGHT (SEE NOTE 3)





SECTION A-A

NOTES:
1. MATERIALS: COPPER ALLOY
2. PLATING:
   i. CONTACT AREA: GOLD
   ii. REST: SILVER WITH TARNISH INHIBITOR
   PLATING ON BODY: 3.18 MICRON MIN SILVER OVER 1.27 MICRON MIN NICKEL
3. MATES WITH STANDARD PIN DRAWINGS
   (MATING DISTANCE BASED ON 1.58MM BOARD THICKNESS):
   i. 3.4MM SMT DRAWING 2032631134-SD, MIN. MATING DISTANCE 3.34MM
   ii. 3.4MM PRESS FIT DRAWING 2032630018-SD, MIN. MATING DISTANCE 3.09MM
4. PRODUCT SPECIFICATION: 2043130018-PS
5. APPLICATION SPECIFICATION: 2043130018-AS
   SEE APPLICATION SPEC FOR SOLDERING INFORMATION.
6. PACKAGING SPECIFICATION: 2121955118-PK
7. SILVER COMPONENTS WILL BE SUPPLIED TARNISH FREE
   BUT MAY TARNISH OVER TIME.
8. PICK AND PLACE CAP TO BE REMOVED AFTER SOLDERING.
   CAP TO BE PUSHED OUT OF BOTTOM FROM THE TOP.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS	FA = 0, FC = 0, FP = 0
DIVISIONAL SYMBOLS	
DIMENSION UNITS	mm
SCALE	NTS
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 0.5 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.15
1 PLACE	± 0.25
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: UPDATED THE VIEWS

EC NO: 716736
DRWN: SOURAJ 2022/08/02
CHK'D: SCS02 2022/08/04
APPR: JJONIAK 2022/10/11

INITIAL REVISION:
DRWN: JJONIAK 2020/06/01
APPR: BPISZCZOR 2020/10/29

molex

MODIFIED 3.4MM CST SMT W/1.0MM FLOAT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2121955118-SD	PSD	000	A1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	212195	2043655118	GENERAL MARKET	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2022/10/11 14:42:20