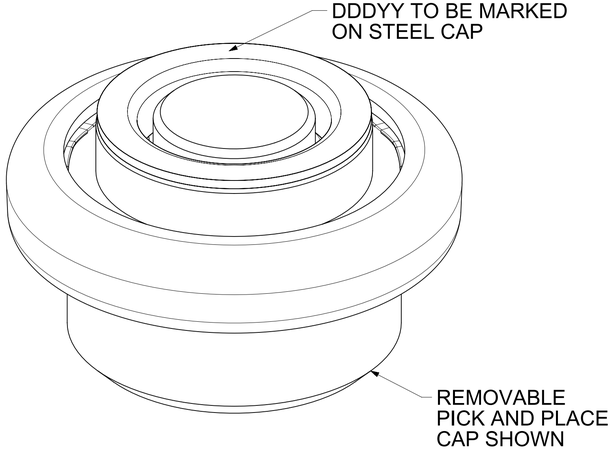
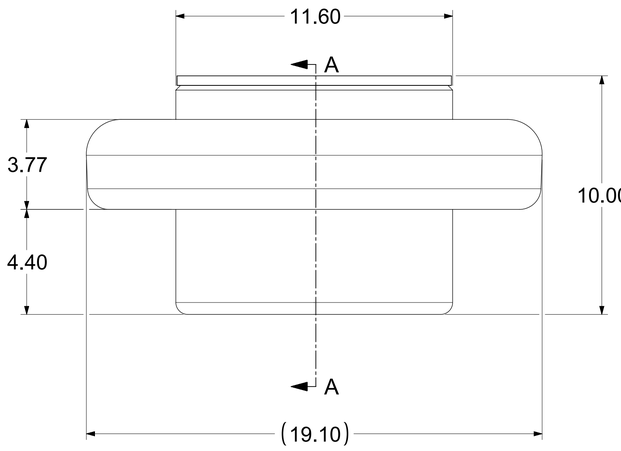
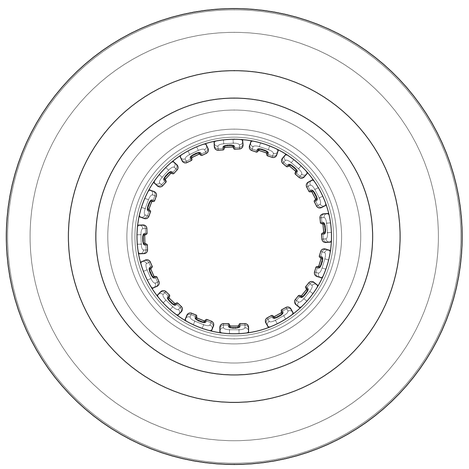
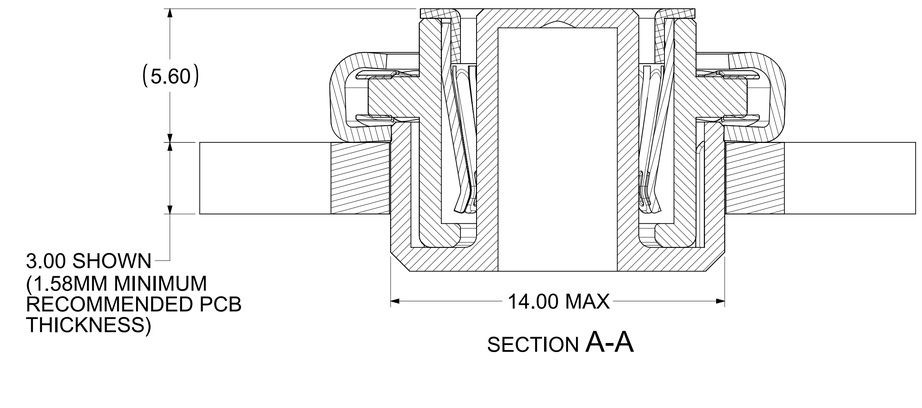


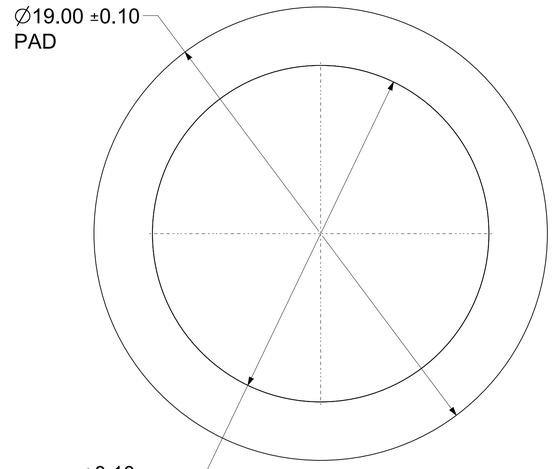


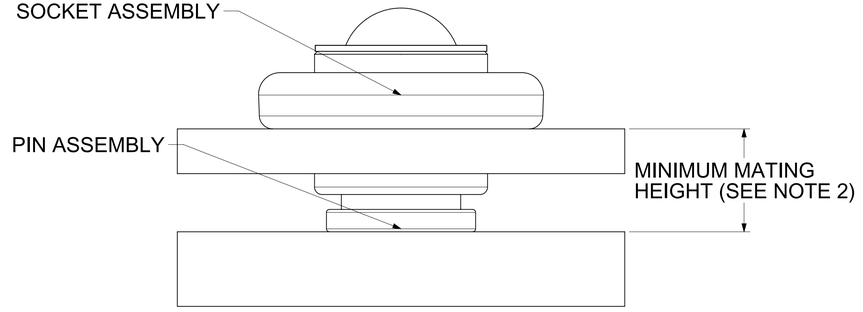




SECTION A-A

RECOMMENDED PCB LAYOUT





MATING PROFILE

NOTES:
1. MATERIALS:
   PICK AND PLACE CAP: LCP UL94, V-0 COLOR BLACK
   RETENTION CAP: STAINLESS STEEL
   BASE METAL: HIGH CONDUCTIVE COPPER ALLOY
   PLATING ON CONTACTS: 0.75 MICRON MIN GOLD OVER 1.27 MICRON MIN NICKEL
   PLATING ON BODY: 3.18 MICRON MIN SILVER OVER 1.27 MICRON MIN NICKEL
2. MATES WITH STANDARD PIN DRAWINGS
   (MATING DISTANCE BASED ON 1.58MM BOARD THICKNESS):
   i. 8.0MM SMT DRAWING 2032633080-SD, MIN. MATING DISTANCE 6.7MM
   ii. 8.0MM PRESS FIT DRAWING 2032630001-SD, MIN. MATING DISTANCE 6.9MM
   iii. 8.0MM SCREW MOUNT DRAWING 2032634185-SD, MIN. MATING DISTANCE 9.9MM
3. PRODUCT SPECIFICATION: 2043130001-PS
4. APPLICATION SPECIFICATION: 2043130001-AS
   SEE APPLICATION SPEC FOR SOLDERING INFORMATION.
5. PACKAGING SPECIFICATION: 2043650000-PK
6. SILVER COMPONENTS WILL BE SUPPLIED TARNISH FREE
   BUT MAY TARNISH OVER TIME.
7. PICK AND PLACE CAP TO BE REMOVED AFTER SOLDERING.
   CAP TO BE PUSHED OUT OF BOTTOM FROM THE TOP.
8. DATE CODE TO BE LASER MARKED APPROXIMATELY WHERE SHOWN
   USING DDDYY FORMAT

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

DIMENSION UNITS	SCALE
mm	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:

EC NO: 663471
DRWN: RLOW 2021/05/04
CHK'D: JJONIAK 2021/05/11
APPR: JJONIAK 2021/05/11

INITIAL REVISION:
DRWN: RLOW 2019/10/03
APPR: BPISZCZOR 2019/10/04

molex

8.0MM CST W/1.0 FLOAT BOTTOM ENTRY T&R

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2121955010-SD	PSD	000	B1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	212195	2121955010	GENERAL MARKET	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2021/05/11 16:48:57