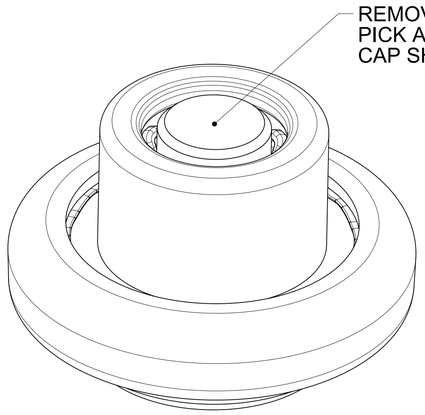
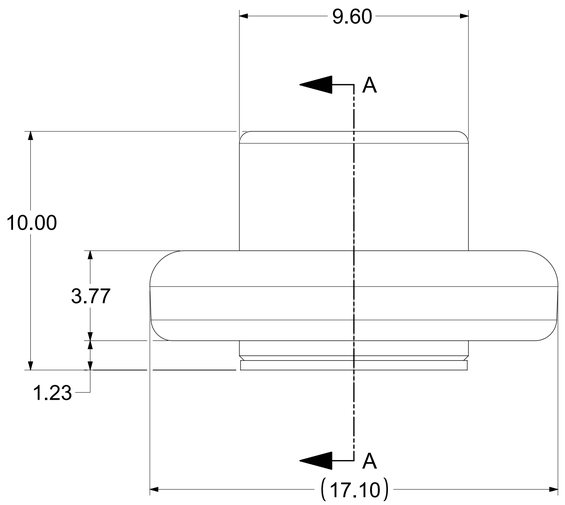
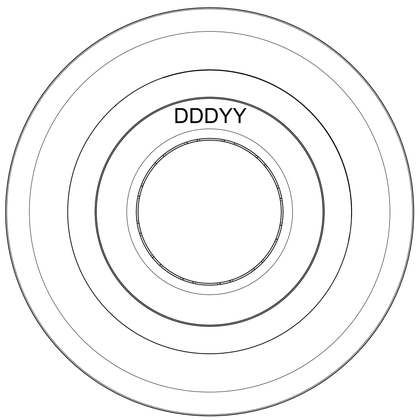
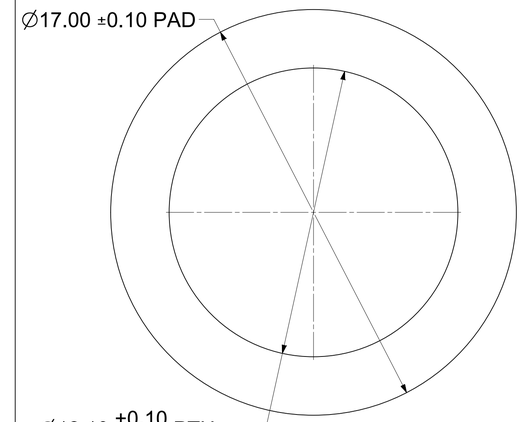
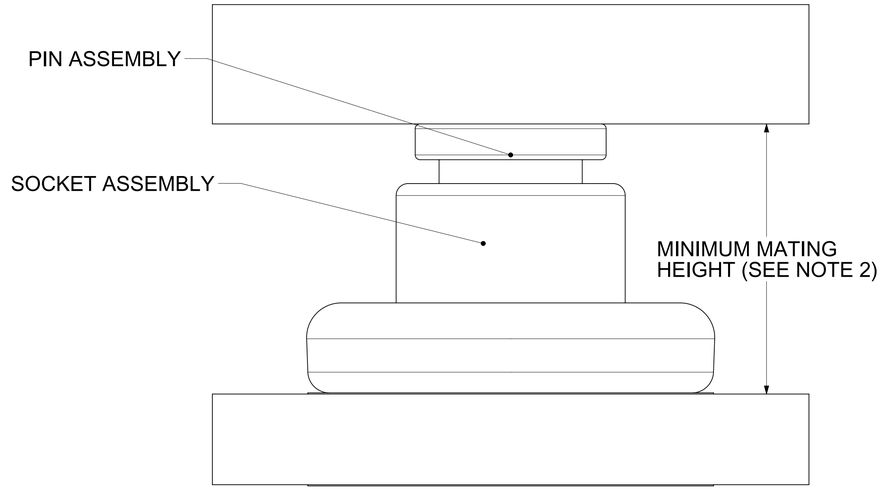




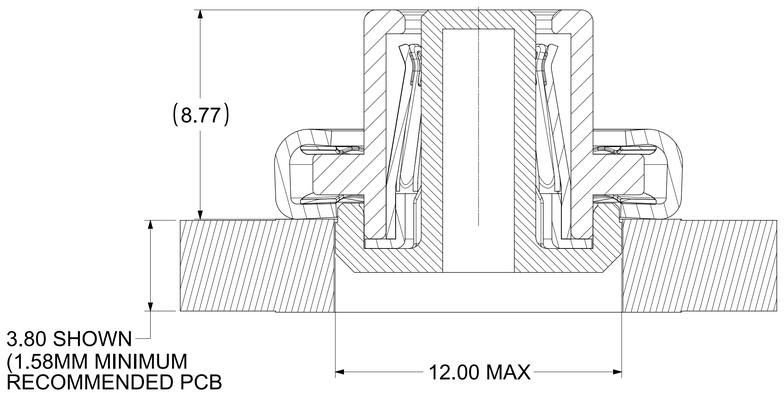


RECOMMENDED PCB LAYOUT





MATING PROFILE



PICK AND PLACE CAP SHOWN

SECTION A-A

NOTES:

1. MATERIALS:
   RETENTION CAP: STAINLESS STEEL
   PICK AND PLACE CAP: LCP UL94, V-0 COLOR BLACK
   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 THE STANDARD PIN DRAWINGS:
   i. 6.0MM SMT DRAWING 2032630136-SD, MIN. MATING DISTANCE 11.57MM
   ii. 6.0MM PRESS FIT DRAWING 2032630006-SD, MIN. MATING DISTANCE 11.32MM
   iii. 6.0MM SCREW MOUNT DRAWING 2032636185-SD, MIN. MATING DISTANCE 14.32MM
3. PRODUCT SPECIFICATION: 2043130006-PS
4. APPLICATION SPECIFICATION: 2043130006-AS
5. PACKAGING SPECIFICATION: 2121950016-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: 671634
DRWN: RLOW 2021/07/27
CHK'D: JJONIAK 2021/08/03
APPR: JJONIAK 2021/08/03

INITIAL REVISION:
DRWN: TOMLU 2019/03/12
APPR: BPISZCZOR 2019/05/07

molex

6.0MM COEUR SMT OMNIGLIDE MODIFIED T&R

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2121950016-SD	PSD	000	B2

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	212195	2121950016	GENERAL MARKET	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2021/08/03 19:52:22