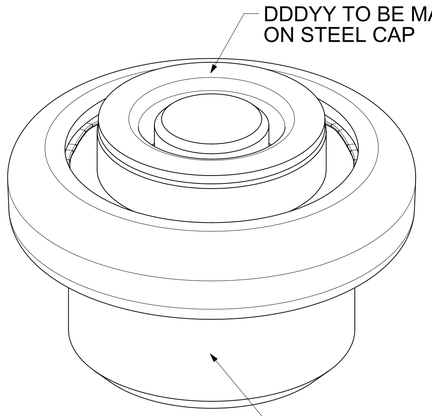
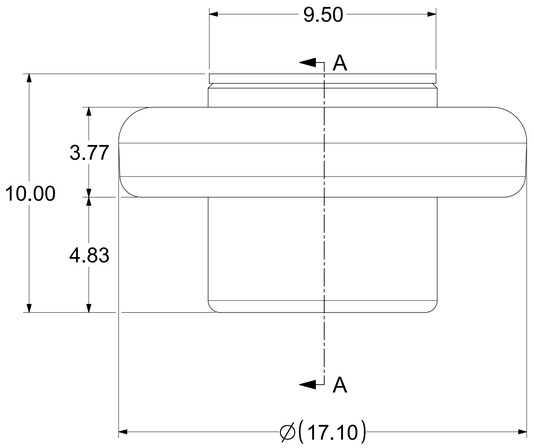
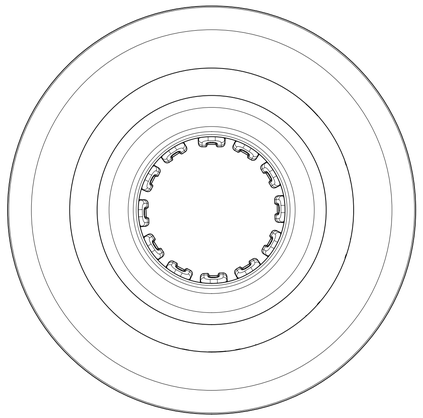
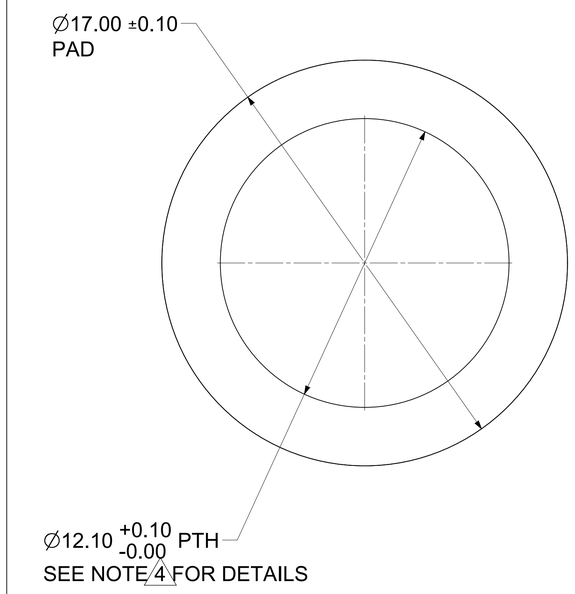


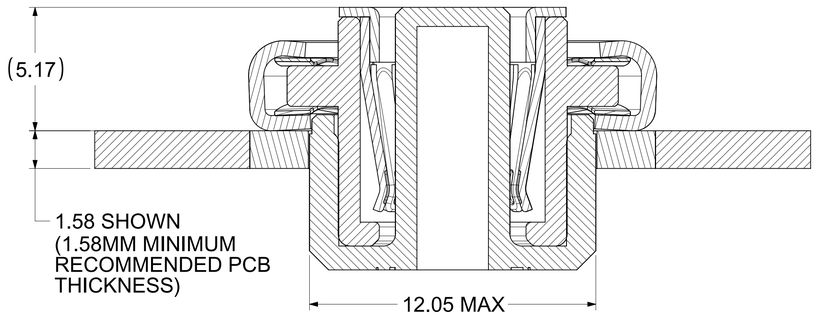




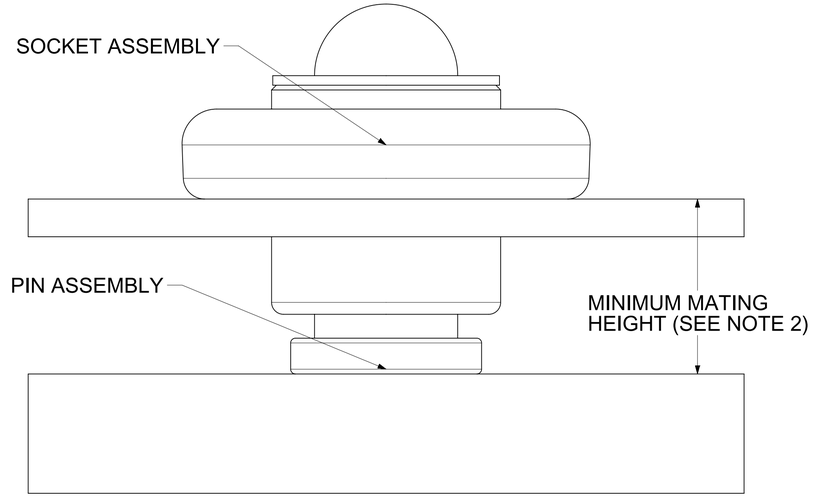
PICK AND PLACE CAP SHOWN

RECOMMENDED PCB LAYOUT





SECTION A-A



MATING PROFILE

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 STANDARD PIN DRAWINGS
(MATING DISTANCE BASED ON 1.58MM BOARD THICKNESS):
i. 6.0MM SMT DRAWING 2032630136-SD, MIN. MATING DISTANCE 6.00MM
ii. 6.0MM PRESS FIT DRAWING 2032630006-SD, MIN. MATING DISTANCE 5.75MM
iii. 6.0MM SCREW MOUNT DRAWING 2032636185-SD, MIN. MATING DISTANCE 8.80MM
3. PRODUCT SPECIFICATION: 2043130006-PS
4. APPLICATION SPECIFICATION: 2043130006-AS
SEE APPLICATION SPEC FOR SOLDERING INFORMATION.
5. PACKAGING SPECIFICATION: 2043650006-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 2019/12/27
APPR: BPISZCZOR 2020/06/10

molex

6.0MM COEUR SMT TOP MOUNT OMNIGLIDE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2043650026-SD	PSD	000	C2

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	204365	2043650026	GENERAL MARKET	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2021/05/11 16:48:50