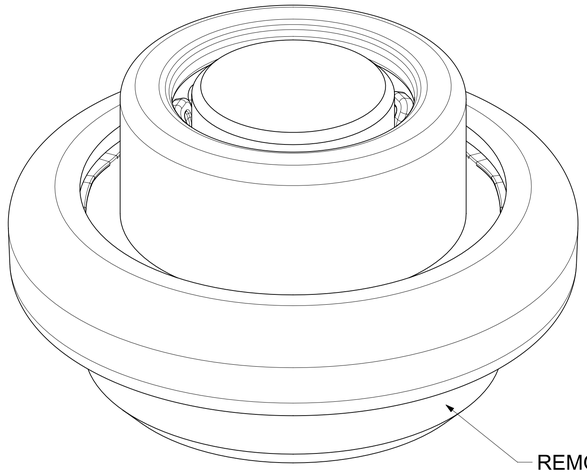
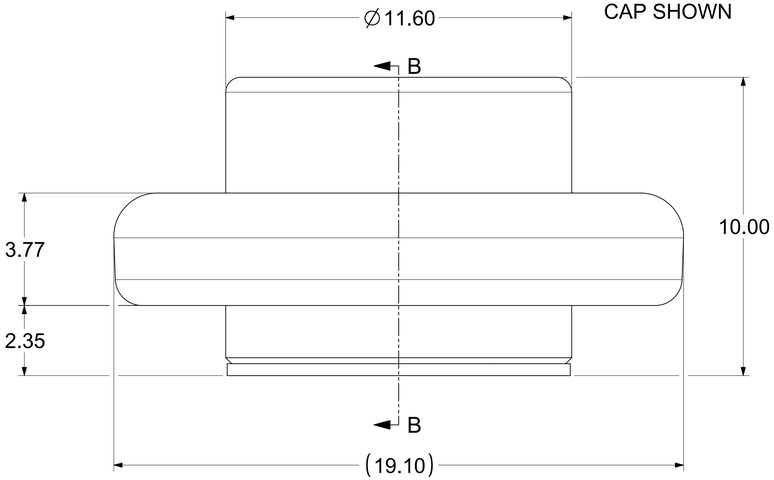
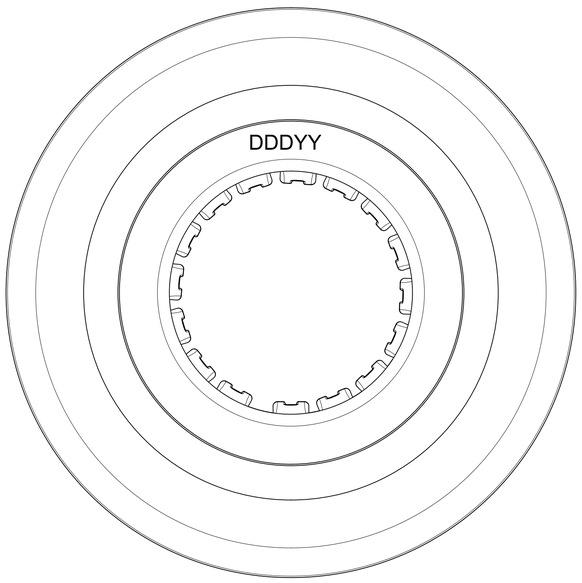
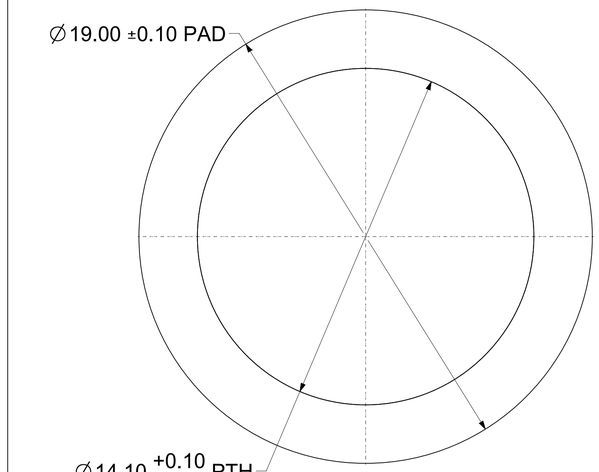


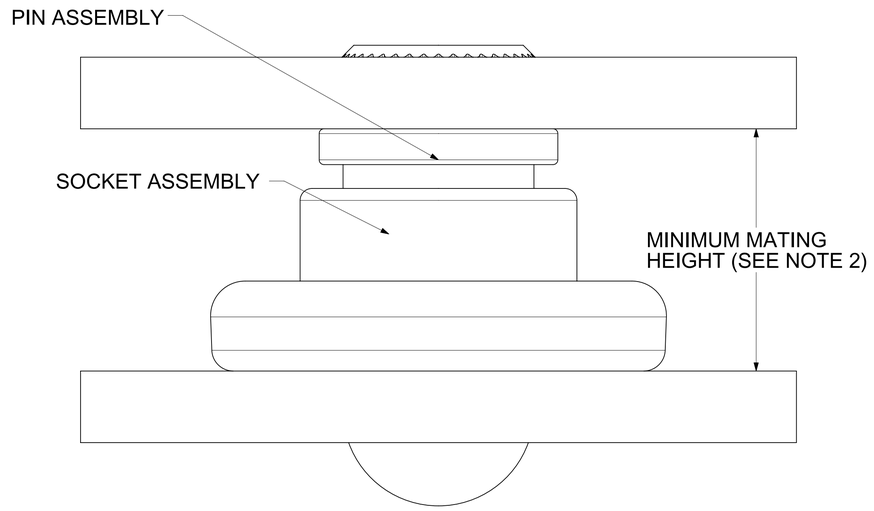
REMOVABLE
PICK AND PLACE
CAP SHOWN



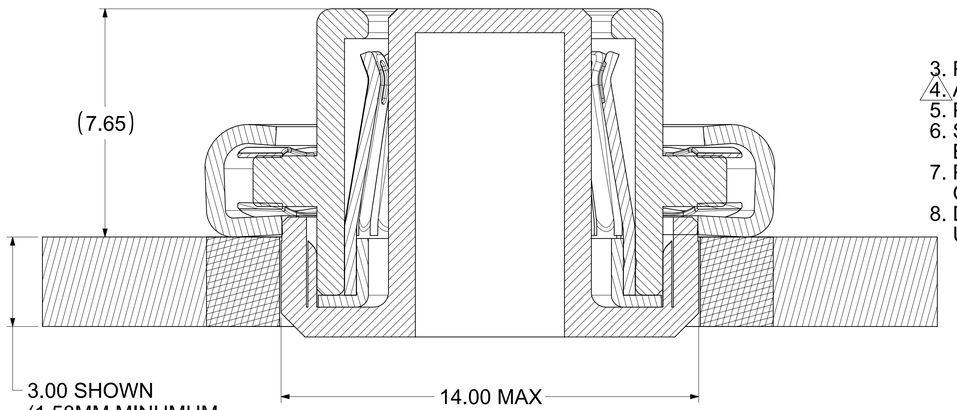


RECOMMENDED PCB LAYOUT





MATING PROFILE



SECTION B-B

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. 8.0MM SMT DRAWING 2032633080-SD, MIN. MATING DISTANCE 9.8MM
ii. 8.0MM PRESS FIT DRAWING 2032630001-SD, MIN. MATING DISTANCE 10.15MM
iii. 8.0MM SCREW MOUNT DRAWING 2032634185-SD, MIN. MATING DISTANCE 13.15MM
3. PRODUCT SPECIFICATION: 2043130001-PS
4. APPLICATION SPECIFICATION: 2043130001-AS
5. PACKAGING SPECIFICATION: 2043650010-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	5:1

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: NOTE NO. 5 UPDATED

EC NO: 685710
DRWN: SOURAJ 2021/11/15
CHK'D: SCS02 2021/11/17
APPR: JJONIAK 2021/11/18

INITIAL REVISION:
DRWN: RLOW 2019/05/08
APPR: JJONIAK 2019/07/26

molex

8MM COEUR SMT OMNIGLIDE MODIFIED

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2043650012-SD	PSD	000	B2

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	204365	2043650012	GENERAL MARKET	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2021/11/18 17:35:29