

TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES AND BOM
2	CONFIGURATIONS
3	BLADE CAVITY PLUG DETAIL
4	RECEPTACLE CAVITY PLUG DETAIL

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

- a. APPLICATION SPECIFICATION SEE: AS-33472-100
- COMPONENTS ARE OPTIONAL AND MUST BE PURCHASED SEPERATELY
- FOR ASSEMBLY INSTRUCTIONS SEE THE APPLICATION SPECIFICATION
- SEAL PLUGS ARE NOT TO BE USED TO REPLACE SHORTING BAR TERMINALS.
- b. PRODUCT SPECIFICATION SEE: N/A
- c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31300-438
- d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: QEHS-699000-300
- e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)

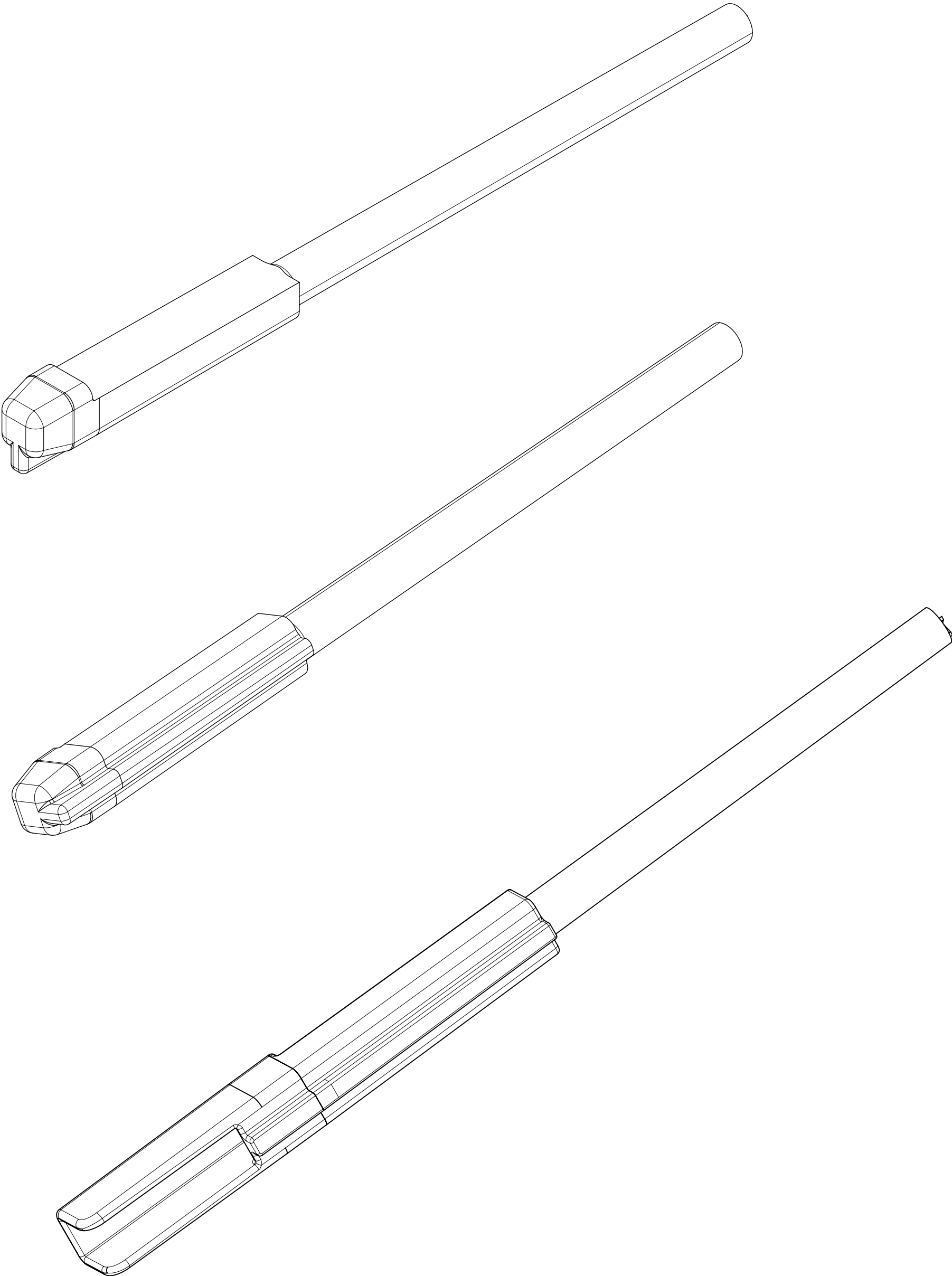
2. DESIGN - MATERIALS:

- a. MATERIAL: SEE TABLE

3. DESIGN - GEOMETRY:

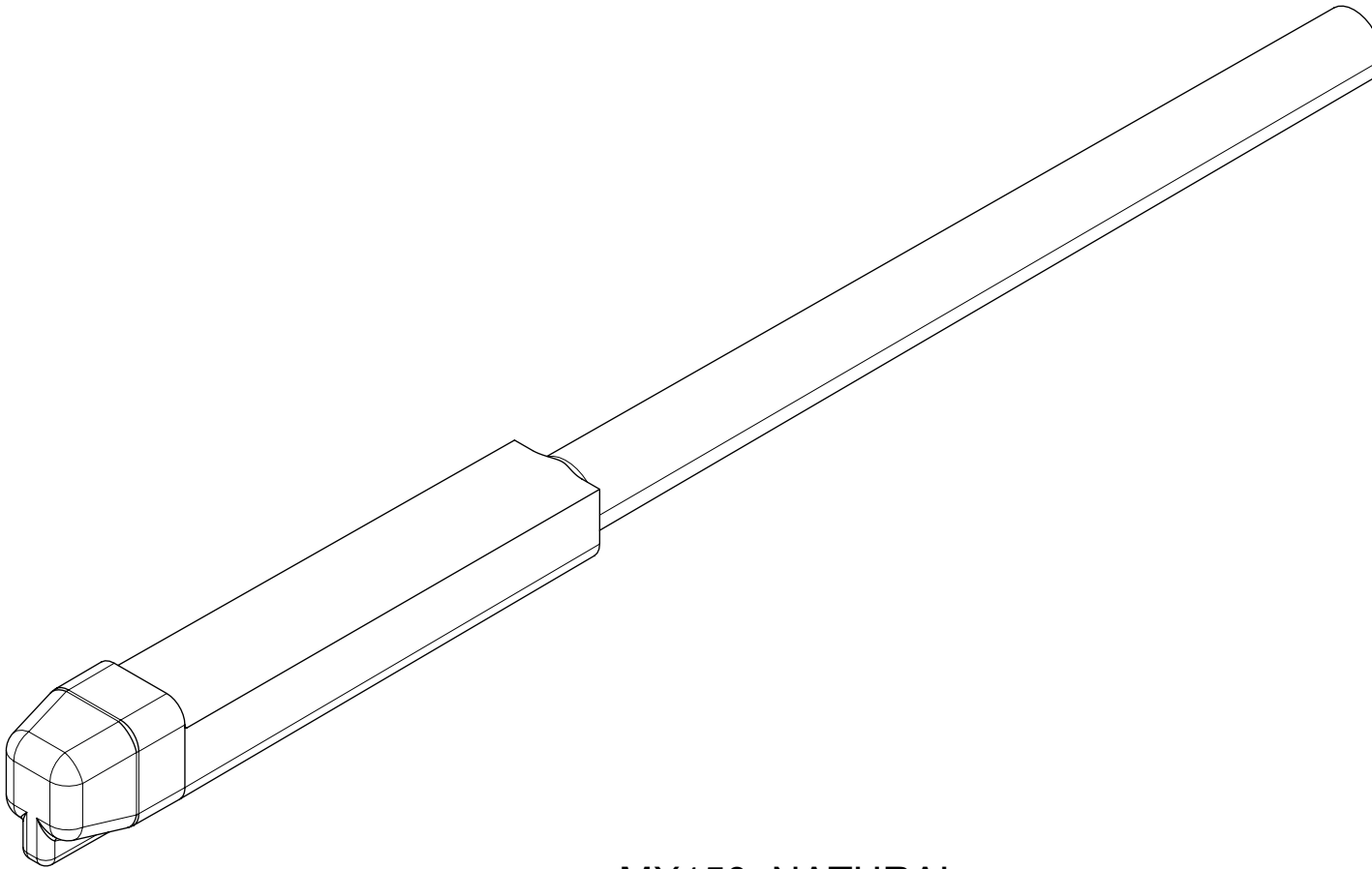
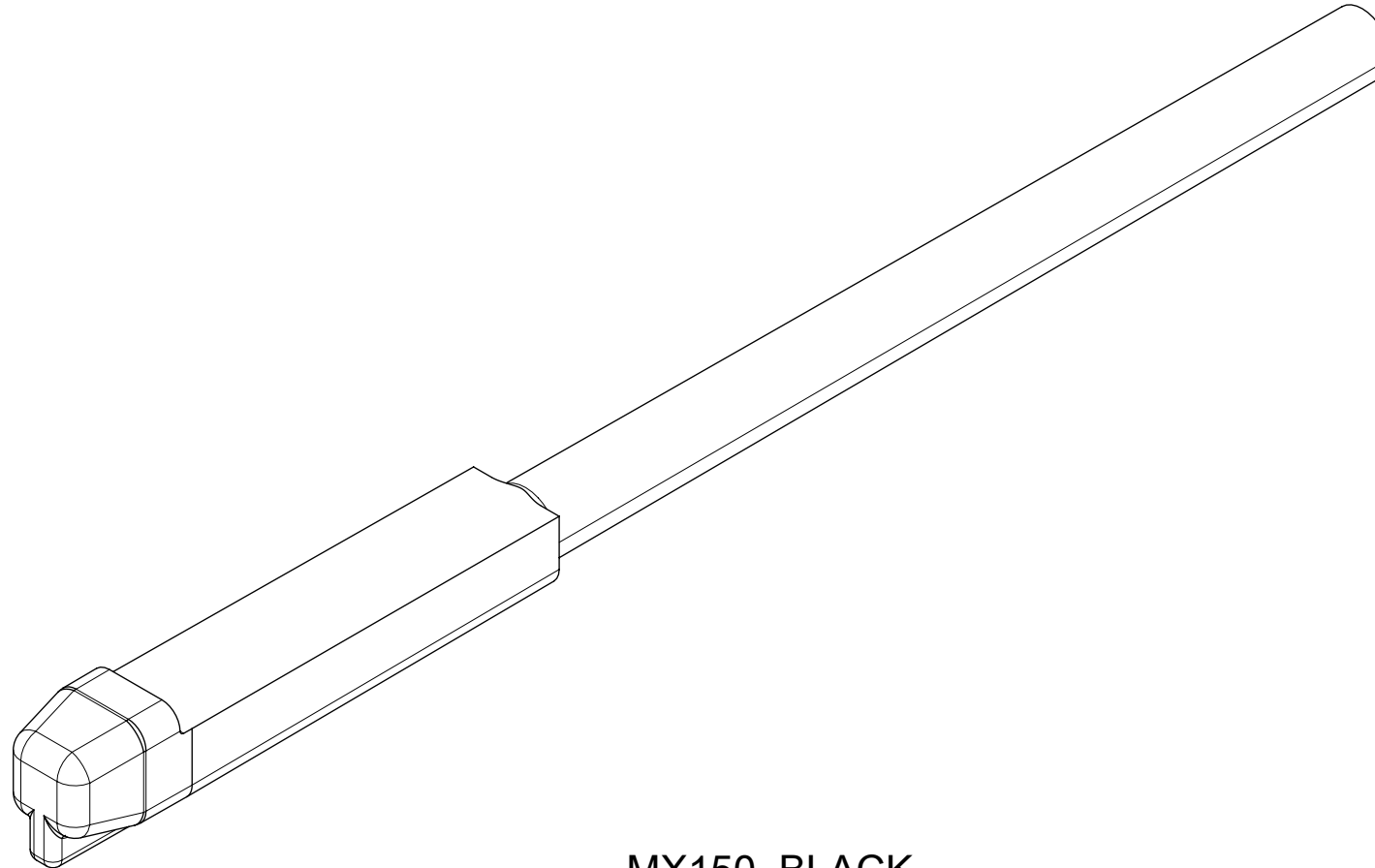
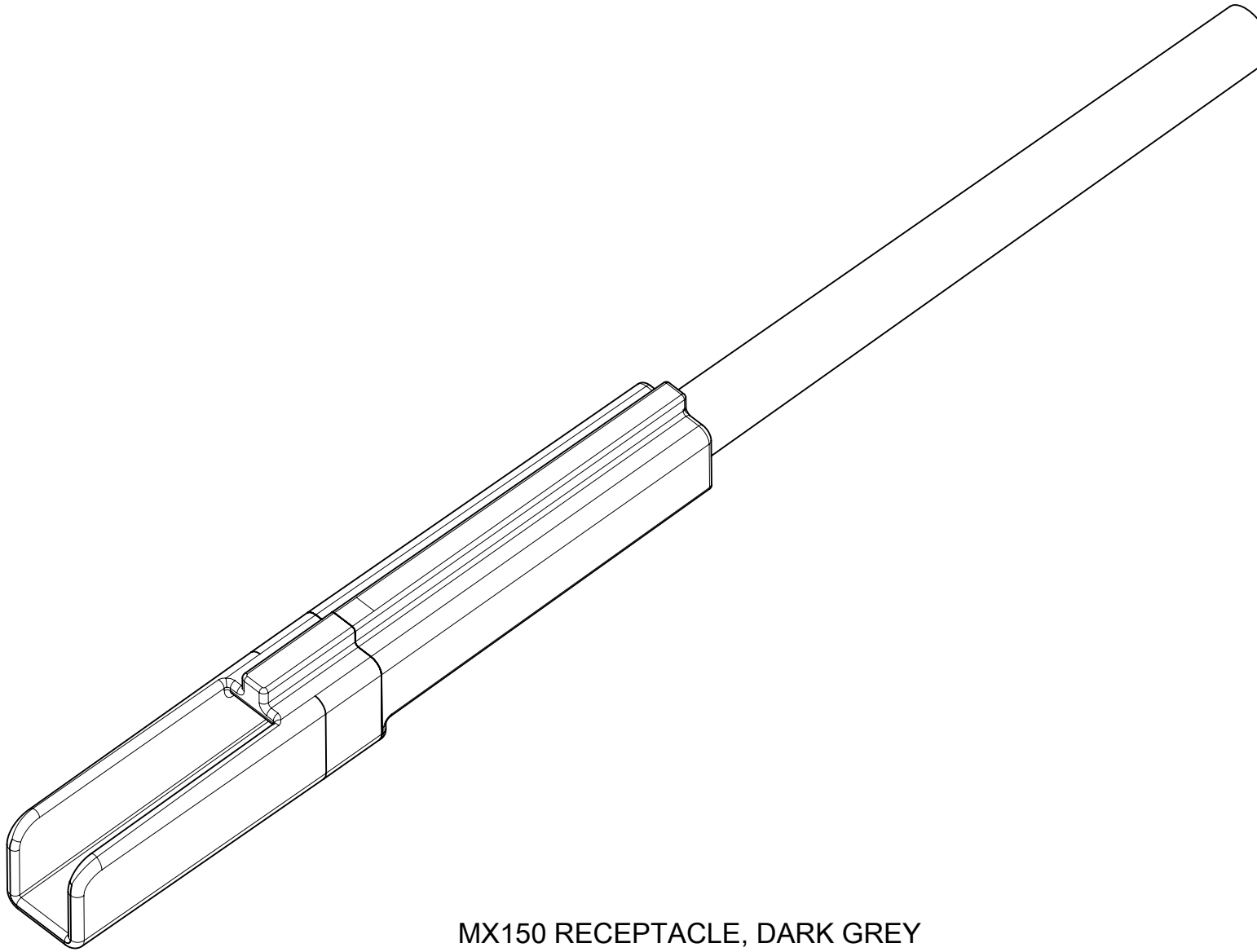
- a. ALL GRAPHIC DATA IS BASIC (NO TOLERANCE) AND MUST BE TAKEN FROM THE DATA FILE AT ITS LATEST REVISION.
- b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 2009
- c. THE BASIC DIMENSIONS OF THE COMPONENT ARE DEFINED BY THE 3-D CAD DATA. THE CAD MATHEMATICAL DATA IS THE MASTER FOR ALL FEATURES AND IS TO BE USED TO ESTABLISH DIMENSIONAL INFORMATION NOT SHOWN ON THIS DRAWING.
- d. GENERAL TOLERANCES: SEE TITLE BLOCK
- e. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
- f. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
- g. LETTERING SHALL BE 0.15 MAX RAISED.
- h. FOR BLADE INSERTION DEPTH FOR RCPT CAVITY PLUG REFER SHEET 4

BILL OF MATERIALS (BOM)				
DESCRIPTION	PART NUMBER	COLOR	STATUS	MATERIAL
MX150 BLADE, NATURAL	34345-0001	NATURAL	SALEABLE	PBT
MX150 BLADE, BLACK	34345-0002	BLACK	PLANNED OBSOLESCENCE	PBT
MX150 BLADE EXTENDED	34345-0003	BLACK	SALEABLE	PBT
MX150 RECEPTACLE	34345-4001	DARK GREY	SALEABLE	SPS PA66

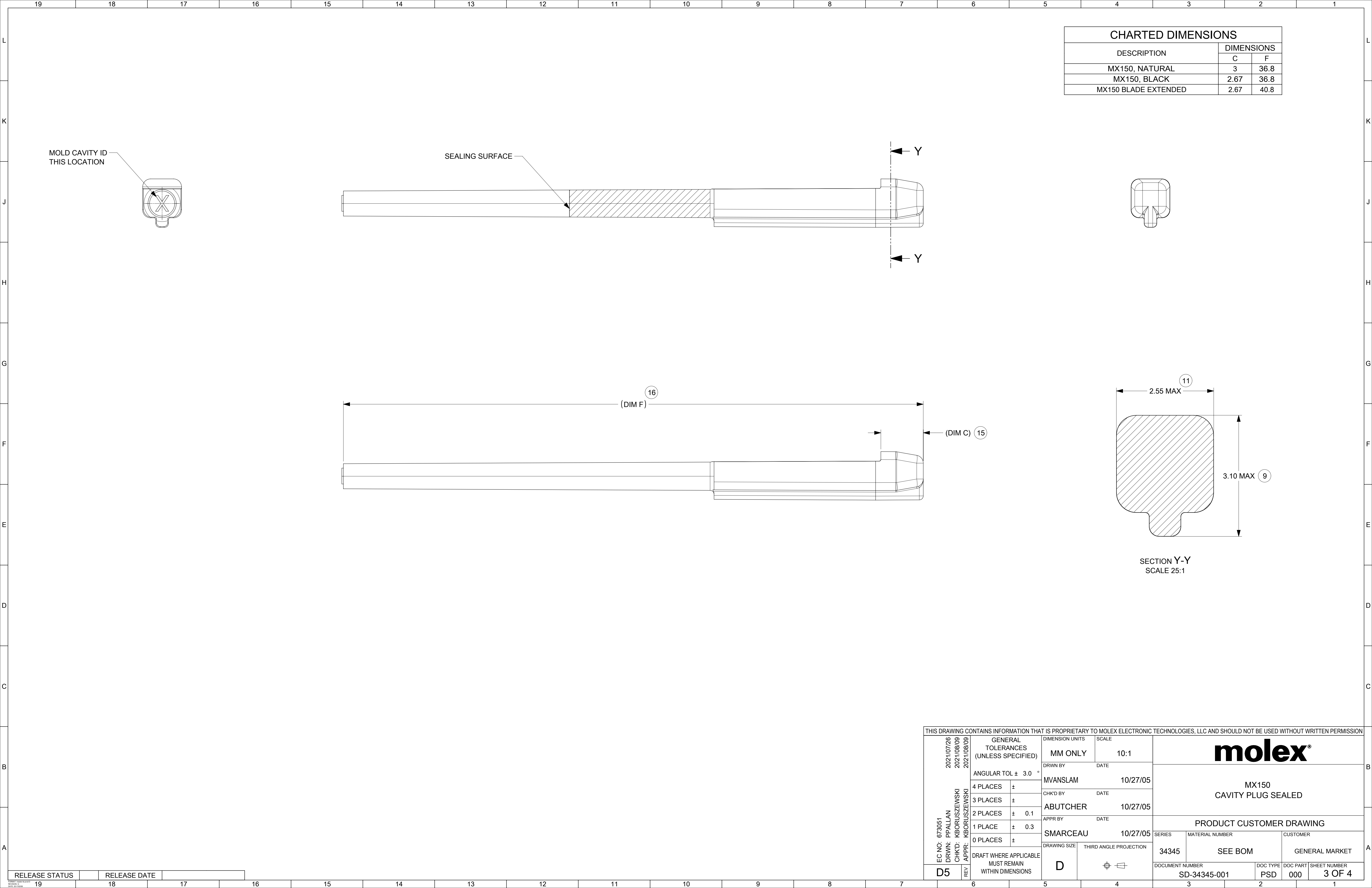


BALLOON NUMBERS	D5	ADDED RCPT PLUG MAX. BLADE INSERTION DEPTH
	D4	UPDATED BOM P/N DESCRIPTION
	D3	UPDATED DIM 20 TOLERANCE
	D2	RCPT CAV PLUG DIMS REMOVED
	D1	CHANGE PARTS STATUS TO SALEABLE
	D	ADDITION OF RECEPTACLE CAVITY PLUG DETAILS
REMOVED: 6	C6	NX RE-MASTERING
	REV	DESCRIPTION

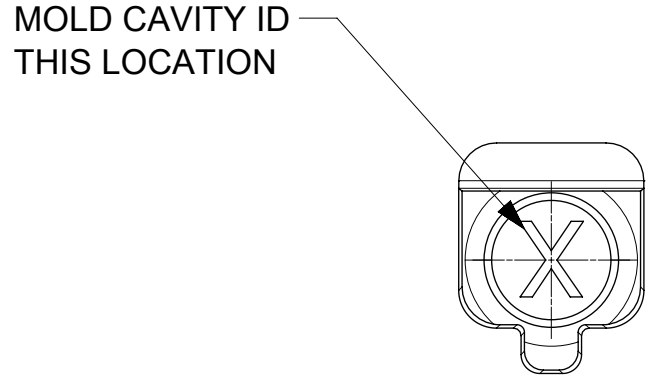
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
EC NO: 673051 DRWN: PPALLAN CHKD: KBORUSZEWSKI REV/ APPR: KBORUSZEWSKI	2021/07/26 2021/08/09 2021/08/09	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE	molex®			
		ANGULAR TOL ± 3.0 °		MM ONLY	7:1	MX150 CAVITY PLUG SEALED			
		4 PLACES	±	DRWN BY	DATE				
		3 PLACES	±	CHK'D BY	DATE				
		2 PLACES	± 0.1	ABUTCHER	10/27/05				
		1 PLACE	± 0.3	APPR BY	DATE	PRODUCT CUSTOMER DRAWING			
		0 PLACES	±	SMARCEAU	10/27/05	SERIES	MATERIAL NUMBER	CUSTOMER	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE	THIRD ANGLE PROJECTION	34345	SEE BOM	GENERAL MARKET	
				D		DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
						SD-34345-001	PSD	000	1 OF 4

19		18		17		16		15		14		13		12		11		10		9		8		7		6		5		4		3		2		1	
SHEET DESCRIPTION																																					
CONFIGURATIONS																																					
 MX150, NATURAL																																					
 MX150, BLACK																																					
 MX150 RECEPTACLE, DARK GREY																																					
RELEASE STATUS		RELEASE DATE																																			
19		18		17		16		15		14		13		12		11		10		9		8		7		6		5		4		3		2		1	

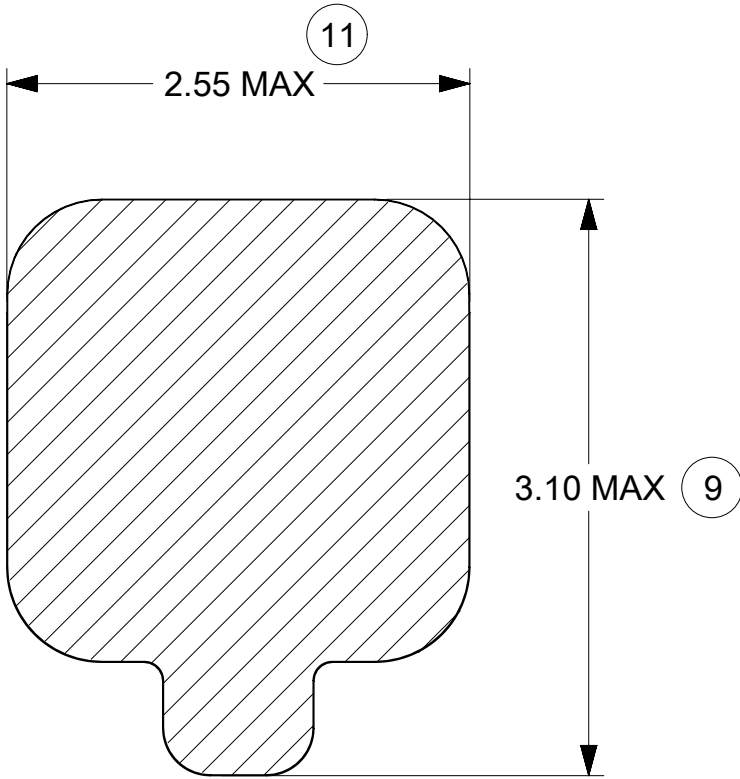
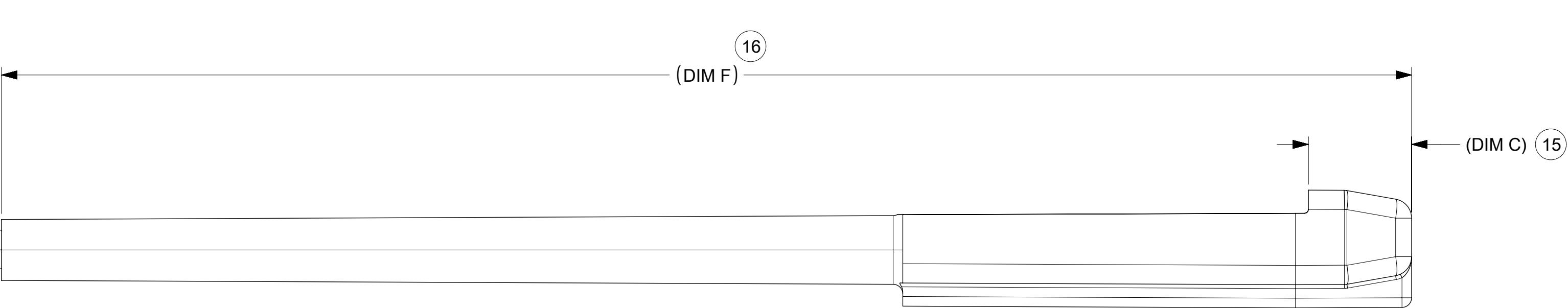
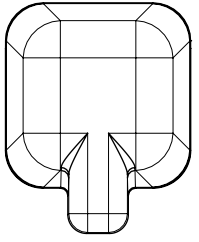
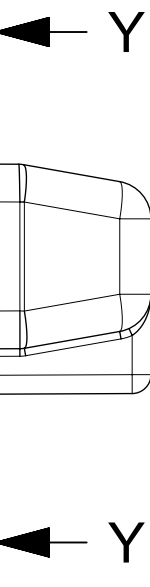
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
EC NO: 673051 DRWN: PPALLAN CHKD: KBORUSZEWSKI APP: KBORUSZEWSKI	2021/07/26 2021/08/09 2021/08/09	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE	mo le xe ®							
		MM ONLY		7:1									
		ANGULAR TOL ± 3.0 °		DRWN BY	DATE	MX150 CAVITY PLUG SEALED							
		4 PLACES	±	MVANSLAM	10/27/05								
		3 PLACES	±	CHK'D BY	DATE	PRODUCT CUSTOMER DRAWING							
		2 PLACES	± 0.1	ABUTCHER	10/27/05								
		1 PLACE	± 0.3	APPR BY	DATE	SERIES 34345				MATERIAL NUMBER SEE BOM		CUSTOMER GENERAL MARKET	
		0 PLACES	±	SMARCEAU	10/27/05								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE	THIRD ANGLE PROJECTION			DOCUMENT NUMBER SD-34345-001				DOC TYPE PSD	DOC PART 000	SHEET NUMBER 2 OF 4	
D5	REV	D											



CHARTED DIMENSIONS		
DESCRIPTION	DIMENSIONS	
	C	F
MX150, NATURAL	3	36.8
MX150, BLACK	2.67	36.8
MX150 BLADE EXTENDED	2.67	40.8

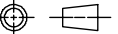


SEALING SURFACE

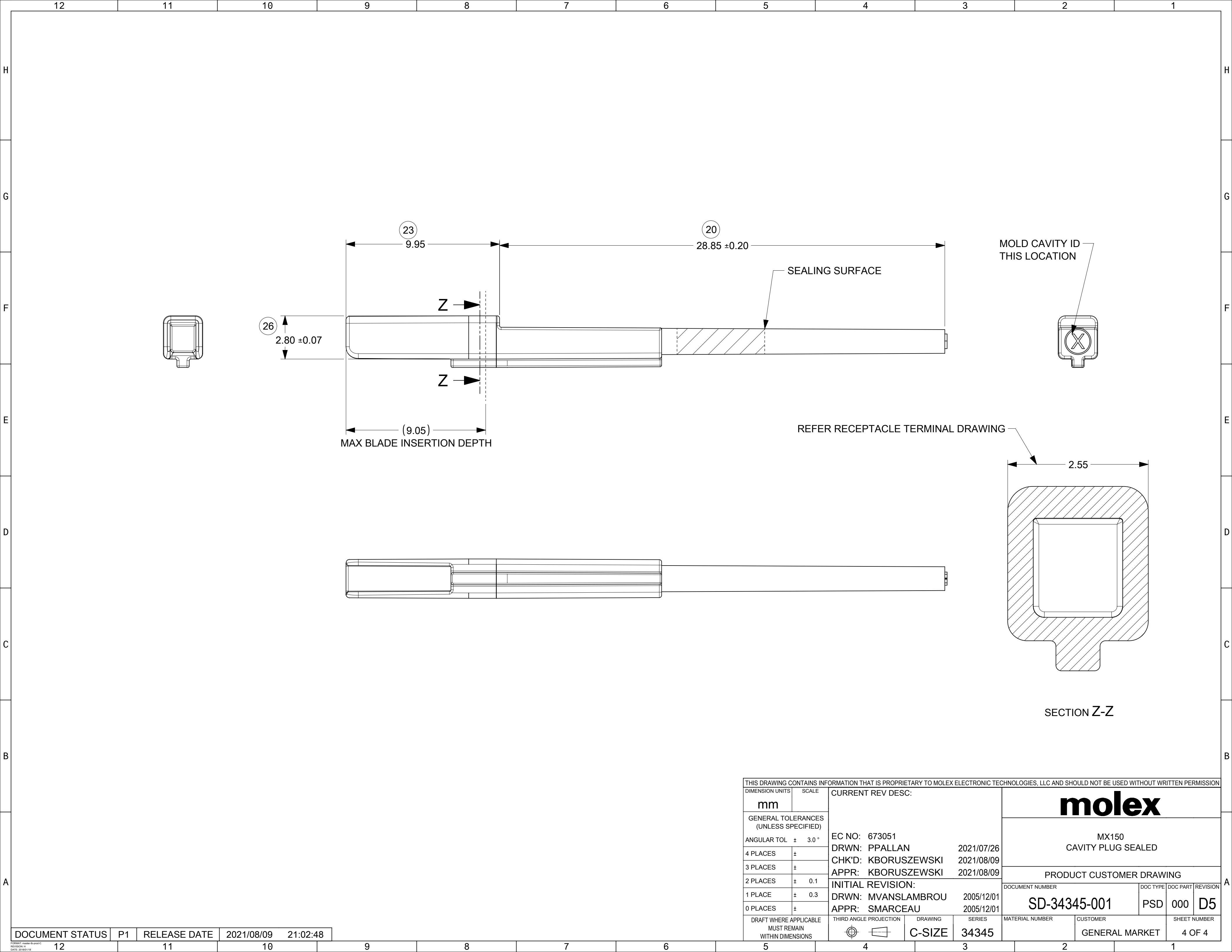


SECTION Y-Y
SCALE 25:1

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EC NO: 673051 DRWN: PPALLAN CHKD: KBORUSZEWSKI REV/ APPR: KBORUSZEWSKI	2021/07/26 2021/08/09 2021/08/09	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE	molex®				
				MM ONLY	10:1					
		ANGULAR TOL ± 3.0 °		DRWN BY	DATE	MX150 CAVITY PLUG SEALED				
		4 PLACES	±	MVANSLAM	10/27/05					
		3 PLACES	±	CHKD BY	DATE	PRODUCT CUSTOMER DRAWING				
		2 PLACES	± 0.1	ABUTCHER	10/27/05					
		1 PLACE	± 0.3	APPR BY	DATE	SERIES MATERIAL NUMBER CUSTOMER				
		0 PLACES	±	SMARCEAU	10/27/05					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE	THIRD ANGLE PROJECTION	34345		SEE BOM	GENERAL MARKET	
				D		DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER
D5				SD-34345-001		PSD	000	3 OF 4		

RELEASE STATUS	RELEASE DATE



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE	CURRENT REV DESC:				molex				
mm											
GENERAL TOLERANCES (UNLESS SPECIFIED)			EC NO: 673051 DRWN: PPALLAN 2021/07/26 CHK'D: KBORUSZEWSKI 2021/08/09 APPR: KBORUSZEWSKI 2021/08/09 INITIAL REVISION: DRWN: MVANSLAMBROU 2005/12/01 APPR: SMARCEAU 2005/12/01				MX150 CAVITY PLUG SEALED				
ANGULAR TOL	±	3.0 °					PRODUCT CUSTOMER DRAWING				
4 PLACES	±						DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
3 PLACES	±						SD-34345-001		PSD	000	D5
2 PLACES	±	0.1					MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
1 PLACE	±	0.3	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		
0 PLACES	±						C-SIZE		34345		
DOCUMENT STATUS		P1	RELEASE DATE		2021/08/09	21:02:48					