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

BILL OF MATERIALS (BOM)

DESCRIPTION	PART NUMBER	COLOR	STATUS	MATERIAL
MX150 BLADE, NATURAL	34345-0001	NATURAL	SALEABLE	PBT
MX150 BLADE, BLACK	34345-0002	BLACK	OBSOLETE	PBT
MX150 BLADE EXTENDED	34345-0003	BLACK	SALEABLE	PBT
MX150 RECEPTACLE	34345-4001	STONE GRAY	SALEABLE	SPS PA66

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

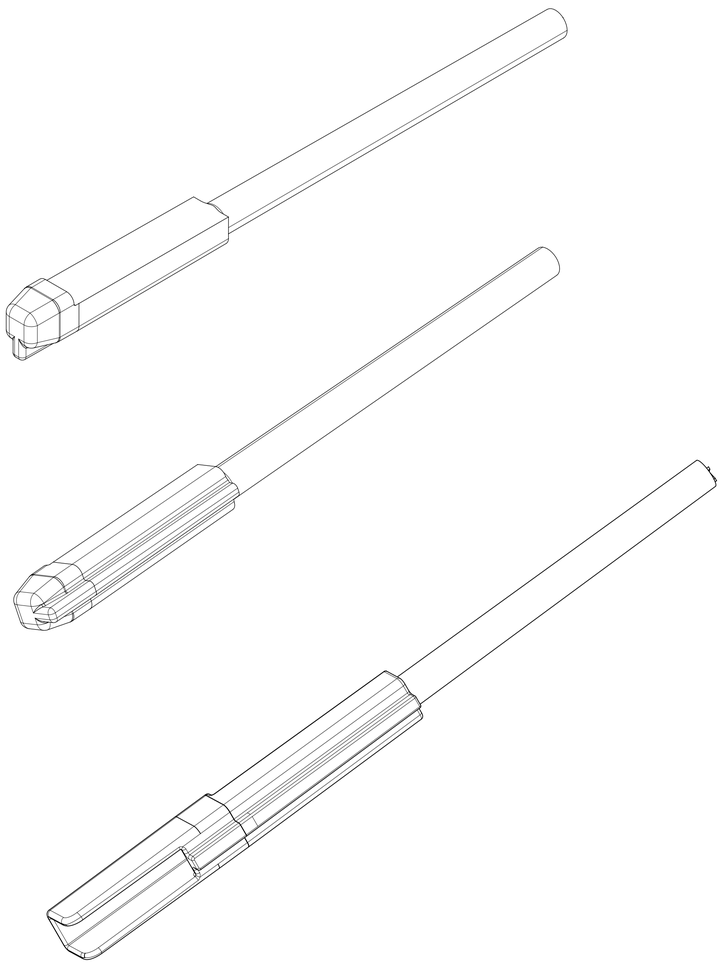
a. APPLICATION SPECIFICATION SEE: AS-33472-100
   - COMPONENTS ARE OPTIONAL AND MUST BE PURCHASED SEPARATELY
   - FOR ASSEMBLY INSTRUCTIONS SEE THE APPLICATION SPECIFICATION
   - SEAL PLUGS ARE NOT TO BE USED TO REPLACE SHORTING BAR TERMINALS.
b. PRODUCT SPECIFICATION SEE: N/A
c. PACKAGING SPECIFICATION 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



BALLOON NUMBERS
REMOVED: 6

REV	DESCRIPTION
D7	CHANGE 34345-0002 TO STATUS OBSOLETE
D6	UPDATED RCPT CAVITY PLUG COLOR
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
C6	NX RE-MASTERING
REV	DESCRIPTION

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0
DIVISIONAL SYMBOLS

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

DIMENSION UNITS: MM
SCALE: 7:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 3°
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.100
1 PLACE	± 0.30
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REVISION TABLE.

STATUS: Production
DRWN: Hannah DeVilbiss 2023-02-24
CHK'D: Joe Fox 2025-06-05
APPR: Katy Boruszewski 2025-06-10

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 34345

molex

MX150
CAVITY PLUG SEALED

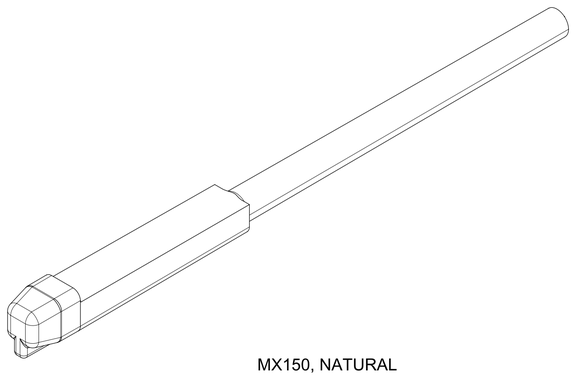
PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
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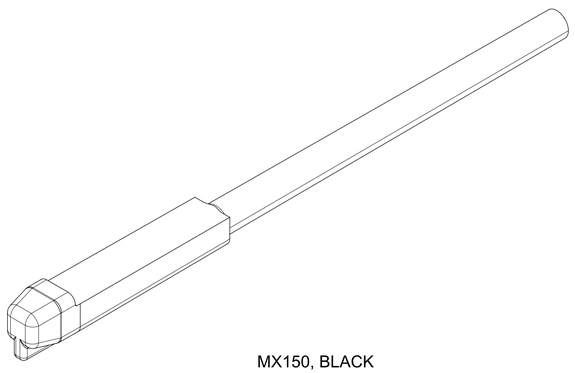
MATERIAL NUMBER | CUSTOMER: GENERAL MARKET | SHEET NUMBER: 1 OF 4

SHEET DESCRIPTION

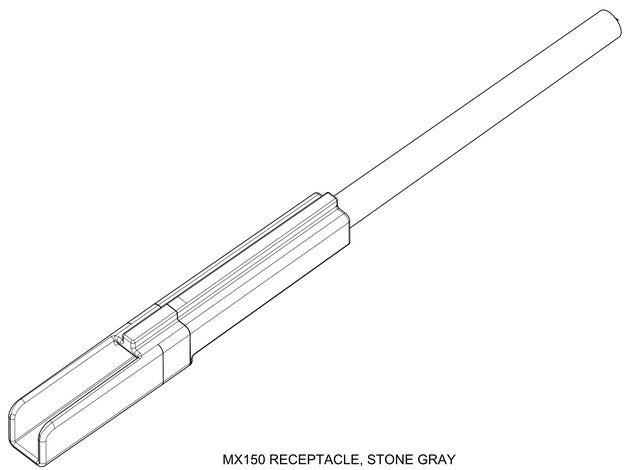
CONFIGURATIONS



MX150, NATURAL



MX150, BLACK



MX150 RECEPTACLE, STONE GRAY

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
FA = 0	DIMENSION UNITS: MM	SCALE: 7:1	CURRENT REV DESC: SEE REVISION TABLE.
FC = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		
FP = 0	ANGULAR TOL ± 3'		
	4 PLACES ±		
DIVISIONAL SYMBOLS	3 PLACES ±		
	2 PLACES ± 0.100		
	1 PLACE ± 0.30		
	0 PLACES ±		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

STATUS: Production

DRWN: Hannah DeVilbiss 2023-02-24

CHK'D: Joe Fox 2025-06-05

APPR: Katy Boruszewski 2025-06-10

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 34345

molex

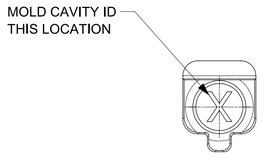
MX150
CAVITY PLUG SEALED

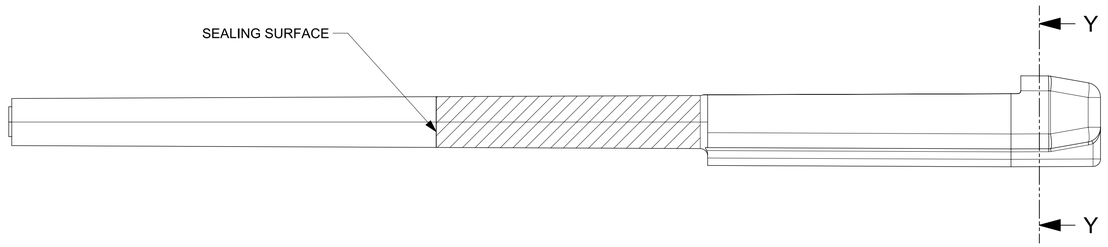
PRODUCT SALES DRAWING

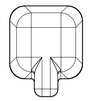
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34345-001	PSD	000	D7

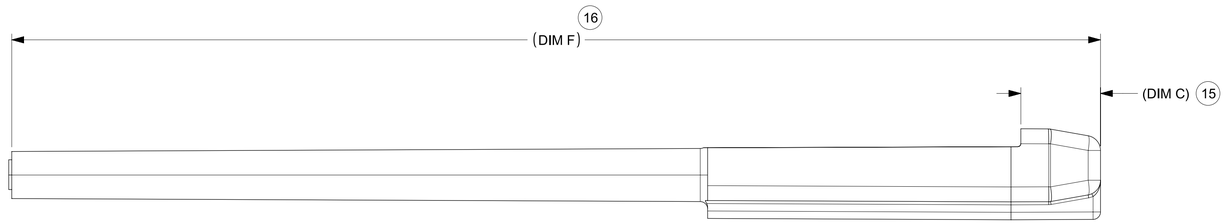
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	2 OF 4

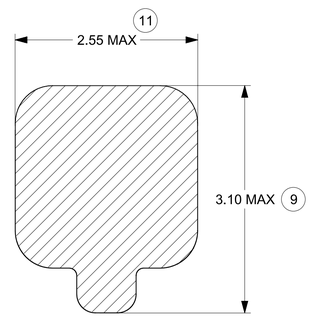
CHARTED DIMENSIONS		
DESCRIPTION	DIMENSIONS	
	C	F
MX150, NATURAL	3	36.8
MX150, BLACK	2.67	36.8
MX150 BLADE EXTENDED	2.67	40.8





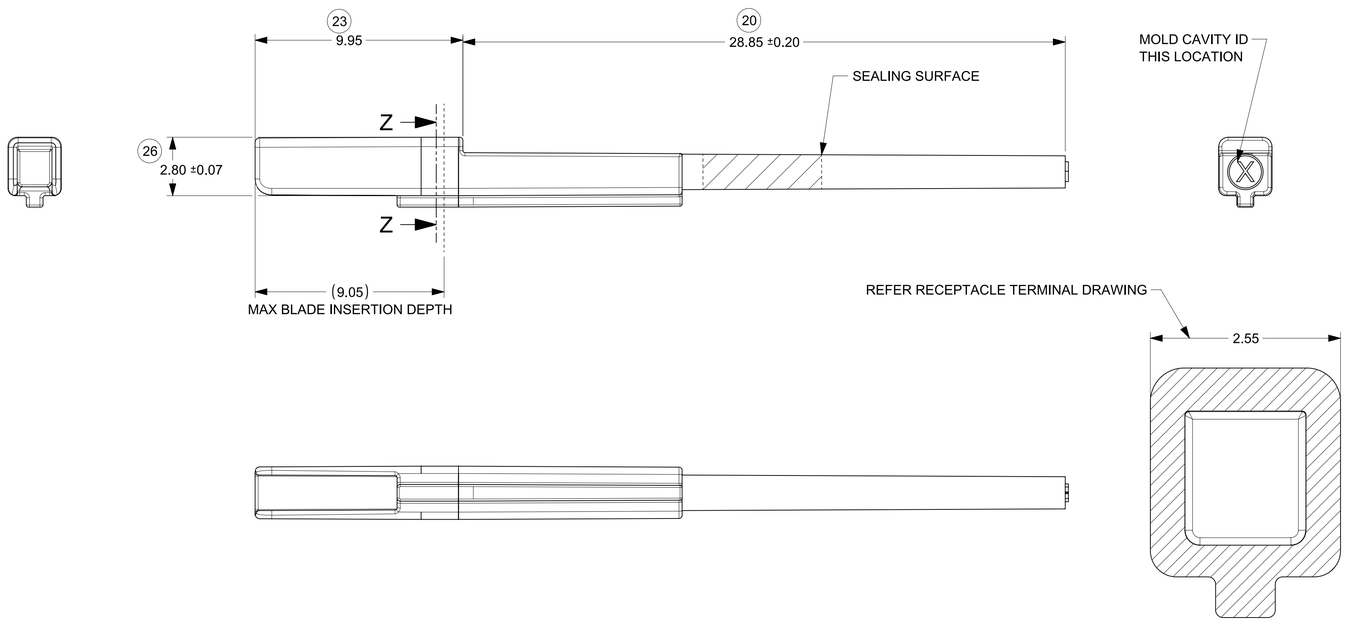






SECTION Y-Y
SCALE 25:1

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
FA = 0	DIMENSION UNITS: MM	SCALE: 10:1	CURRENT REV DESC: SEE REVISION TABLE.	molex	
FC = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			MX150 CAVITY PLUG SEALED	
FE = 0	ANGULAR TOL ± 3°			PRODUCT SALES DRAWING	
DIVISIONAL SYMBOLS	4 PLACES ±		STATUS: Production	DOCUMENT NUMBER: SD-34345-001	DOC TYPE: PSD / DOC PART: 000 / REVISION: D7
	3 PLACES ±		DRWN: Hannah DeVilbiss 2023-02-24		
	2 PLACES ± 0.100		CHK'D: Joe Fox 2025-06-05		
	1 PLACE ± 0.30		APPR: Katy Boruszewski 2025-06-10		
	0 PLACES ±				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION / DRAWING: D-SIZE / SERIES: 34345	MATERIAL NUMBER / CUSTOMER: GENERAL MARKET	SHEET NUMBER: 3 OF 4



SECTION Z-Z

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

FUNCTIONAL SYMBOLS	FA = 0, FC = 0, FD = 0
DIVISIONAL SYMBOLS	
DIMENSION UNITS	MM
SCALE	7:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 3°
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.100
1 PLACE	± 0.30
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: SEE REVISION TABLE.

STATUS: Production

DRWN:	Hannah DeVilbiss	2023-02-24
CHK'D:	Joe Fox	2025-06-05
APPR:	Katy Boruszewski	2025-06-10

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 34345

molex

MX150
CAVITY PLUG SEALED

PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34345-001	PSD	000	D7

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	4 OF 4