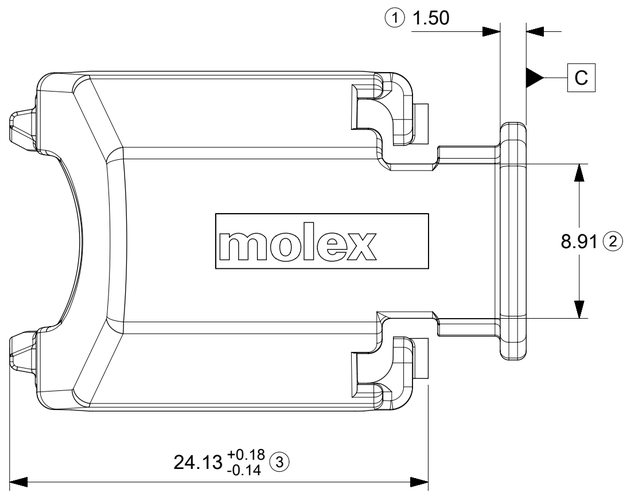

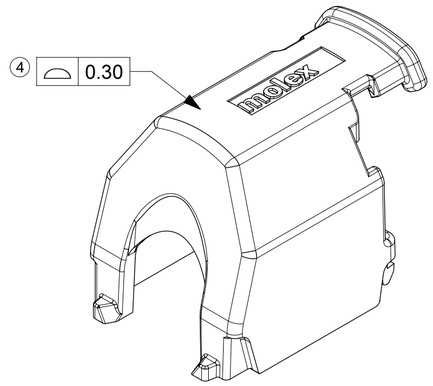

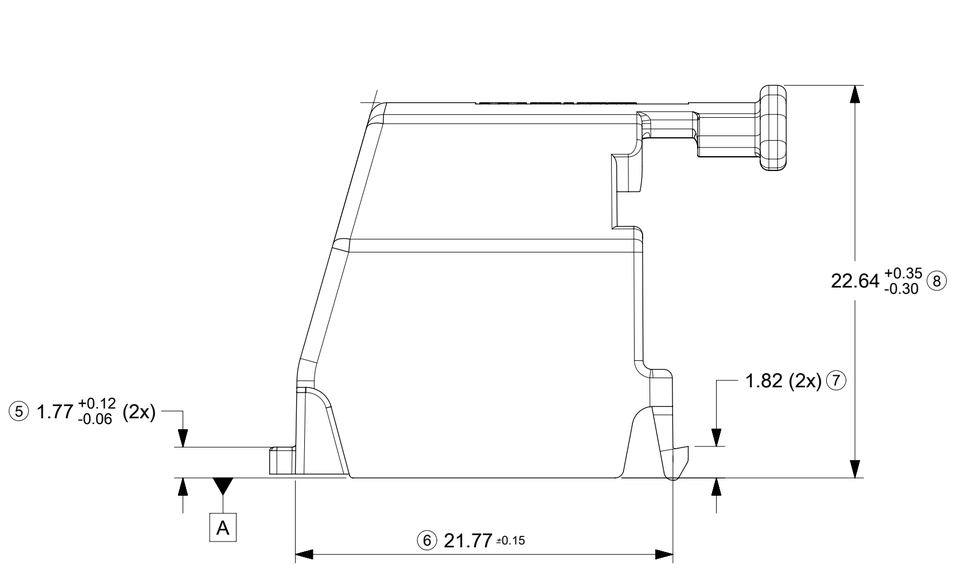

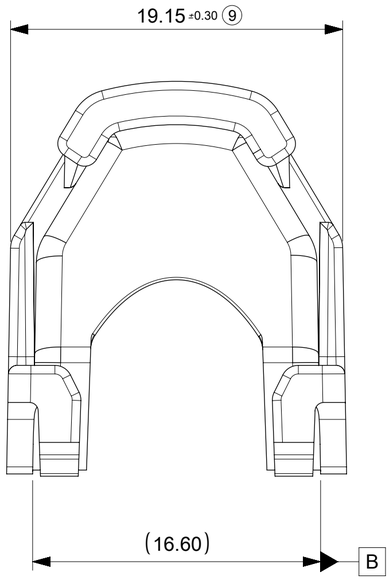

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
a. APPLICATION SPECIFICATION SEE: AS-160014-001
b. PRODUCT SPECIFICATION SEE: PS-160014-001
c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31302-266
d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: ES-40000-5016
e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)
f. FLAMMABILITY REQUIREMENT: PER ISO3795 OR GMW3191
   1. BURN RATE 100 mm/MIN MAXIMUM
   2. MATERIAL MUST BE SELF EXTINGUISHING

2. DESIGN - MATERIALS:
a. MATERIAL:PA66-GF35
   25% MAX REGRIND BY WEIGHT
   COLOR: SEE BOM TABLE
b. VOLUME: SEE BOM TABLE (ESTIMATED)

3. DESIGN - GEOMETRY:
a. ALL GRAPHIC DATA IS BASIC (NO TOLERANCE) AND MUST BE TAKEN FROM THE DATA FILE AT ITS LATEST REVISION.
b. PRODUCT DESIGN MODEL NUMBER(S): 160030-0003,PSM
c. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009
d. GENERAL TOLERANCES:
   LINEAR: PER DIN 16901 - PRECISION ENGINEERING
   ANGULAR:±3°
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 IN 0.25 MAX RECESS PAD.
   THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.
   (FOR SMALL PARTS: LETTERING SHALL BE 0.10 MAX RAISED IN 0.15 MAX RECESS PAD)

4. DESIGN - MANUFACTURING:
a. DRAFT TO BE WITHIN TOLERANCE.
   PLUS DRAFT - INDICATES A DIMENSION REPRESENTS THE SMALLEST SIZE OF A FEATURE. DRAFT WILL ADD MATERIAL.
   MINUS DRAFT - INDICATES A DIMENSION REPRESENTS THE LARGEST SIZE OF A FEATURE. DRAFT WILL REMOVE MATERIAL.
b. ALLOWABLE FLASH MAX 0.25 HIGH BY MAX 0.13 THICK.
c. ALLOWABLE SPLIT/PARTING LINE MISMATCH 0.2 MAX.
d. EJECTOR PIN MARKS TO BE FLUSH TO 0.25 MAX DEPRESSED. LOCATION MUST BE APPROVED BY PRODUCT ENGINEERING. EJECTOR PIN MARKS NOT PERMISSIBLE ON OR NEAR DATUM TARGET AREA.
e. ALLOWABLE GATE VESTIGE FLUSH TO 0.25 MAX PROTRUSION. LOCATION MUST BE APPROVED BY PRODUCT ENGINEERING
f. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)
g. NO EXTERNAL MOLD RELEASE AGENT ALLOWED DURING MANUFACTURING.

BOM TABLE		
MOLEX COMPONENTS PART NUMBER	COLOR	VOLUME MM³ ±5%
1600300003	BLACK	1851.03

DIN 16901	CODE LETTER	NOMINAL DIMENSION RANGE (MM)													
		OVER	0	1	3	6	10	15	22	30	40	53	70	90	120
		UP TO	1	3	6	10	15	22	30	40	53	70	90	120	160
PRECISION	A		0.10	0.12	0.14	0.16	0.20	0.22	0.24	0.26	0.28	0.31	0.35	0.40	0.50
ENGINEERING	B		0.05	0.06	0.07	0.08	0.10	0.12	0.14	0.16	0.18	0.21	0.25	0.30	0.40

A: FOR NON-MOLD RELATED DIMENSIONS
B: FOR MOLD RELATED DIMENSIONS

DOCUMENT STATUS	P1	RELEASE DATE	2019/04/11 13:23:22

SYMBOLS	DIMENSION UNITS	SCALE	CURRENT REV DESC:	molex
= 0	mm	5:1		
= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			STAK50H WIRE DRESS COVER B
= 0	ANGULAR TOL ± °		EC NO: 615413	
= 0	4 PLACES ±		DRWN: HTGUO02 2019/04/11	PRODUCT CUSTOMER DRAWING
= 0	3 PLACES ±		CHK'D: JCONDON 2019/04/11	
= 0	2 PLACES ±		APPR: JCONDON 2019/04/11	
= 0	1 PLACE ±		INITIAL REVISION:	DOCUMENT NUMBER: 1600300003 / DOC TYPE: PSD / DOC PART: 000 / REVISION: A4
= 0	0 PLACES ±		DRWN: HTGUO02 2019/04/10	
= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: JCONDON 2019/04/10	

SEE NOTES

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A2-SIZE	160030	1600300003	GENERAL MARKET	1 OF 1

FORMAT: master-tb-prod-A2
REVISION: H
DATE: 20150118