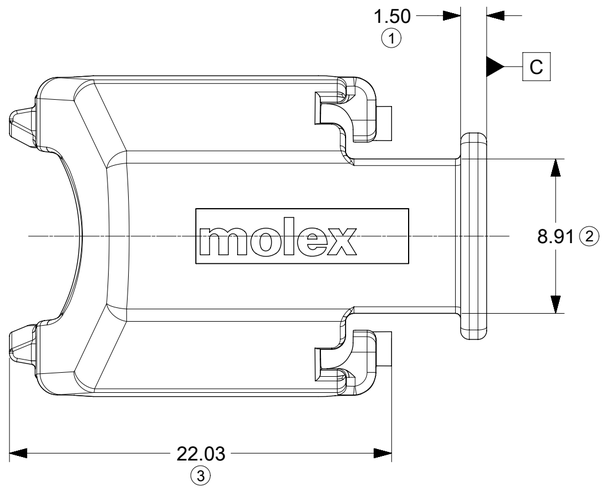

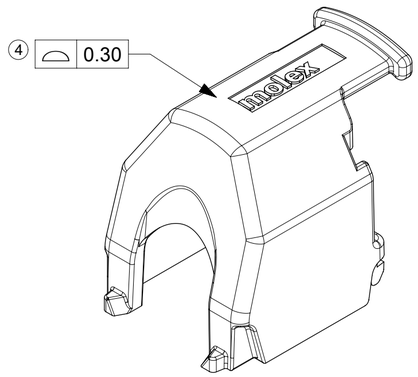

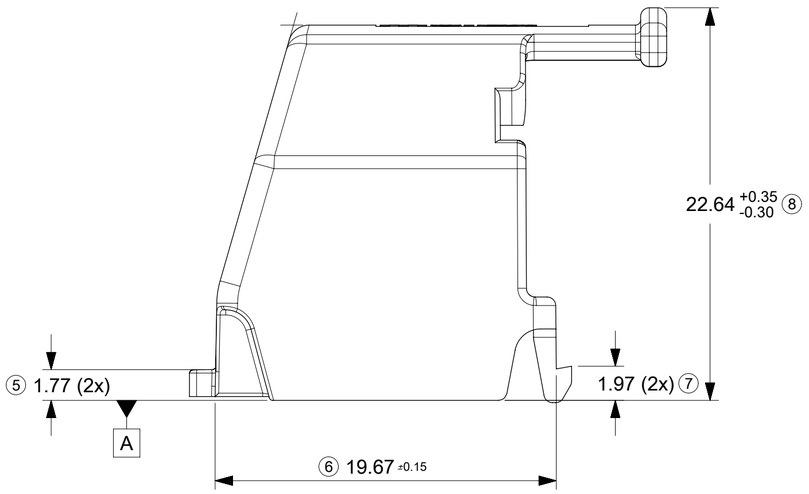

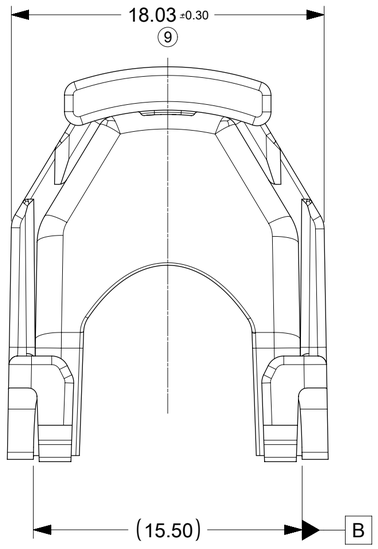

NOTES: VALID UNLESS OTHERWISE SPECIFIED

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): 160030-0002,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.
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%
1600300002	BLACK	1622.74

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 13:23:20

SYMBOLS: E = 0; F = 0; F = 0; S = 0; ▼ = 0; C = 0; ☒ = 0; ■ = 0; ▽ = 0

DIMENSION UNITS: mm | SCALE: 5:1

GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± °
4 PLACES ±
3 PLACES ±
2 PLACES ±
1 PLACE ±
0 PLACES ±
SEE NOTES
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 615413
DRWN: HTGUO02 2019/04/11
CHK'D: JCONDON 2019/04/11
APPR: JCONDON 2019/04/11

INITIAL REVISION:
DRWN: HTGUO02 2019/04/09
APPR: JCONDON 2019/04/10

THIRD ANGLE PROJECTION | DRAWING: A2-SIZE | SERIES: 160030

molex

STAK50H WIRE DRESS COVER A

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1600300002	PSD	000	A4

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
1600300002	GENERAL MARKET	1 OF 1

FORMAT: master-tb-prod-A2
REVISION: H
DATE: 20160118