



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 MM ³ ±5%
1600300002	BLACK	1622.74

DIN 16901	CODE LETTER	NOMINAL DIMENSION RANGE (MM)													
		OVER UP TO	0	1	3	6	10	15	22	30	40	53	70	90	120
PRECISION ENGINEERING	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
	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

SYMBOLS	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:											
∇ = 0	mm	5:1											
∇ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 615413										
∇ = 0	ANGULAR TOL ± °		DRWN: HTGUO02 2019/04/11								STAK50H WIRE DRESS COVER A		
∇ = 0	4 PLACES ±		CHK'D: JCONDON 2019/04/11										
∇ = 0	3 PLACES ±		APPR: JCONDON 2019/04/11								PRODUCT CUSTOMER DRAWING		
∇ = 0	2 PLACES ±		INITIAL REVISION:										
∇ = 0	1 PLACE ±		DRWN: HTGUO02 2019/04/09								DOCUMENT NUMBER		
∇ = 0	0 PLACES ±		APPR: JCONDON 2019/04/10										1600300002
∇ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER					CUSTOMER	SHEET NUMBER	
∇ = 0			⊕	⊖	A2-SIZE	160030	1600300002					GENERAL MARKET	1 OF 1