

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

a. APPLICATION SPECIFICATION: 2005060000-AS

b. PRODUCT SPECIFICATION: 2005060001-PS

CLASSIFICATIONS T1V1S1 TO GMW 3191 2012

DEGREE OF PROTECTION IP20 TO ISO 20653 WITH MOLEX MATING CONNECTOR

c. PACKAGING SPECIFICATION PER MOLEX DRAWING

2. DESIGN - MATERIALS:

a. HOUSING: SPS 30% GF

b. BLADE TERMINALS:

1. 1.2MM BLADES

BASE MATERIAL: COPPER ALLOY

CONDUCTIVITY ≥ 28% IACS @ 20°C

UNDERPLATE: OVERALL NICKEL

OVERPLATE: OVERALL TIN

2. 2.8MM BLADES

BASE MATERIAL: COPPER ALLOY

CONDUCTIVITY ≥ 40% IACS @ 20°C

UNDERPLATE: OVERALL NICKEL

OVERPLATE: OVERALL TIN

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 2005020120

c. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5-2009

d. EDGES AND UNDIMENSIONED DETAILS PER ISO13715

e. CORNERS SHOWN AS SHARP TO BE R 0.4 MAX.

f. LETTERING SHALL BE MAX POSSIBLE FOR READABILITY.

THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.

g. FOR BAY/POCKET DEFINITION SEE MOLEX INTERFACE DRAWING SD-160026-002

h. MATING HARNESS CONNECTORS MOLEX PN:

1600260001 (KEY 1)

1600260002 (KEY 2)

1600260003 (KEY 3)

1600260004 (KEY 4)

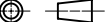
4. DESIGN - MANUFACTURING:

a. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (CLASS B)

b. REFLOW SOLDERABILITY PER SMES-152

PART NUMBER	KEY	COLOR	TERMINAL QUANTITIES	
			1.2mm	2.8mm
2005020121	1	BLACK	8	4
2005020122	2	GREEN		
2005020123	3	PURPLE		
2005020124	4	GRAY		

FOUR (4) KEYS AVAILABLE
SEE INTERFACE DRAWING
SD-160026-002 FOR DEFINITION

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: PCB CONTACT AREA DET			<div>molex</div>					
mm		2:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 609669 DRWN: ABABU01 2018/12/13 CHK'D: JCONDON 2018/12/27 APPR: JCONDON 2018/12/27			STAK50H MOD HDR 12 RA SOLDER SINGLE BAY					
ANGULAR TOL ± 0.5°												
4 PLACES		± 0.0		INITIAL REVISION: DRWN: JRUTTER 2015/06/24 APPR: RBAUMAN 2016/08/22			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
3 PLACES		± 0.0					2005021120SD		PSD	000	C1	
2 PLACES		± 0.13		PRODUCT CUSTOMER DRAWING								
1 PLACE		± 0.25										
0 PLACES		± 0.0										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
						B-SIZE	200502	SEE CHART				1 OF 2

