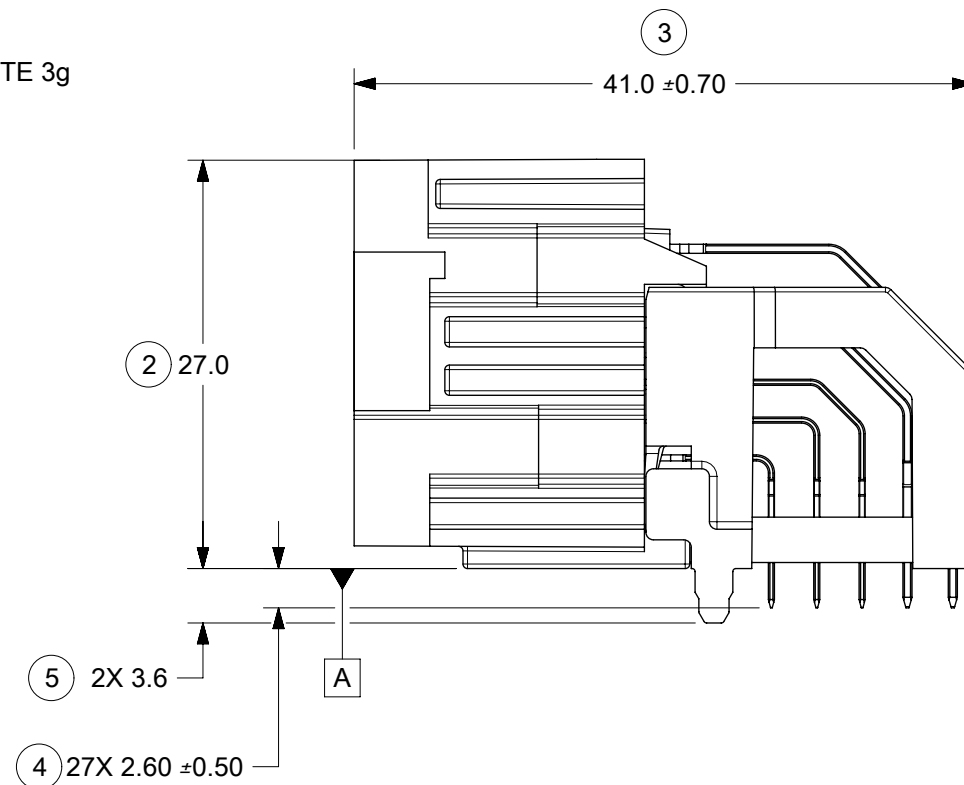
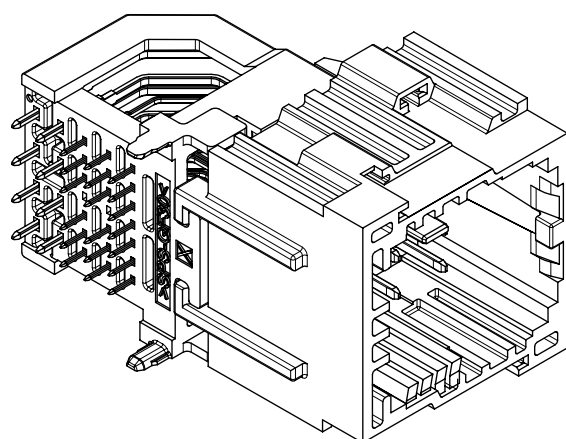
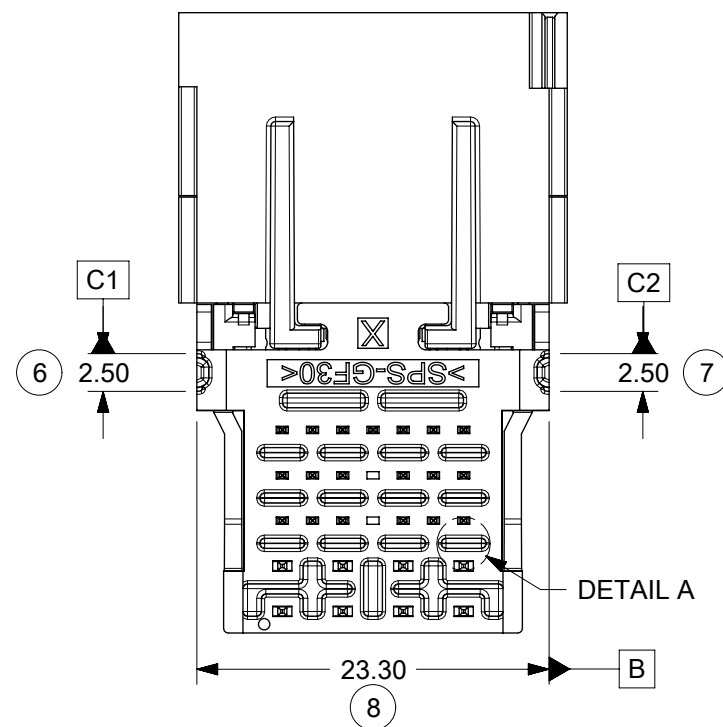


KEY 1
PART NO. 2005020271



PART NUMBER	KEY	COLOR	TERMINAL QUANTITIES	
			0.5mm	1.2mm
2005020271	1	BLACK	19	8
2005020272	2	GREEN		
2005020273	3	BLUE		
2005020274	4	PURPLE		

FOUR (4) KEYS AVAILABLE
SEE INTERFACE DRAWING
SD-160029-002 FOR DEFINITION



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 IP40 TO ISO 20653 WITH MOLEX MATING CONNECTOR
 - c. PACKAGING SPECIFICATION PER MOLEX DRAWING

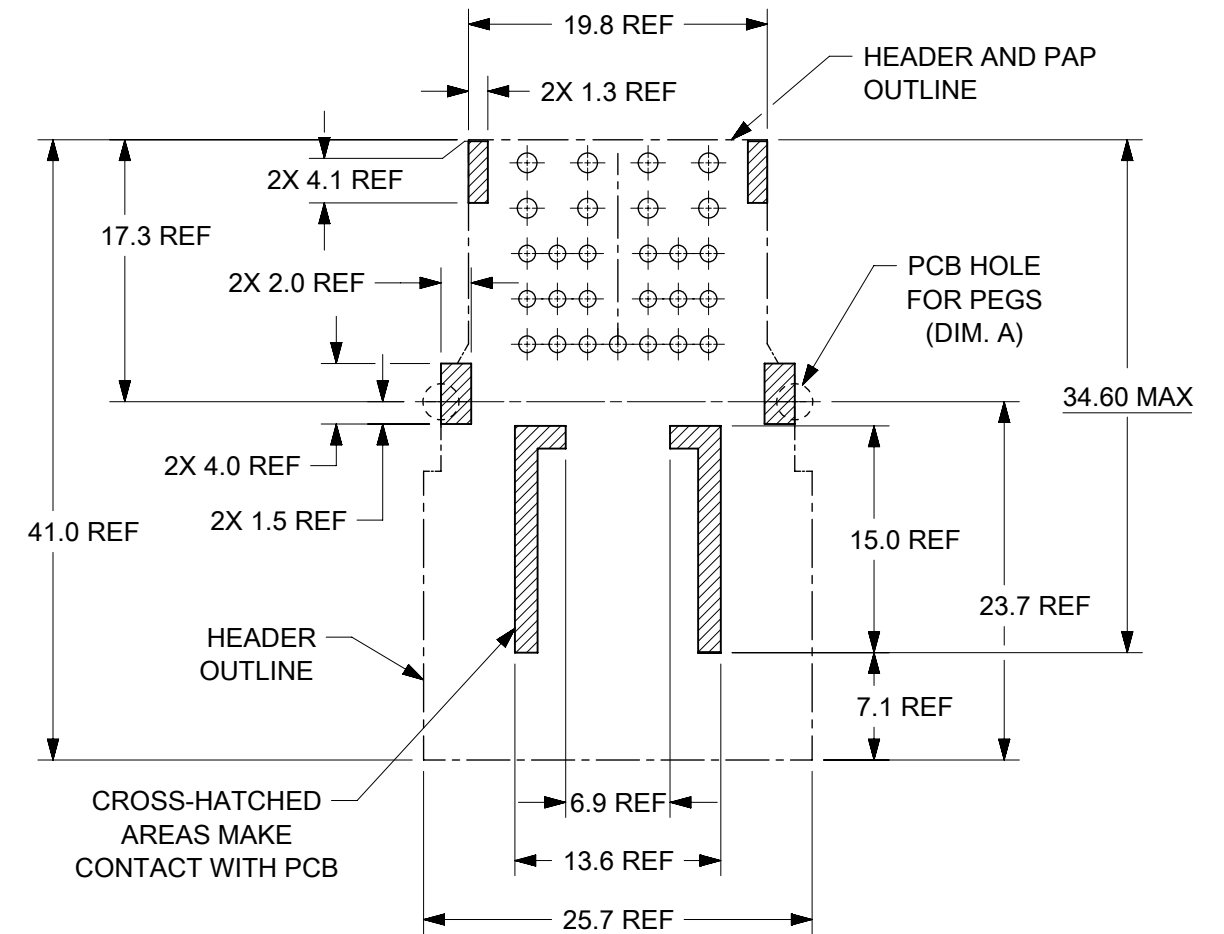
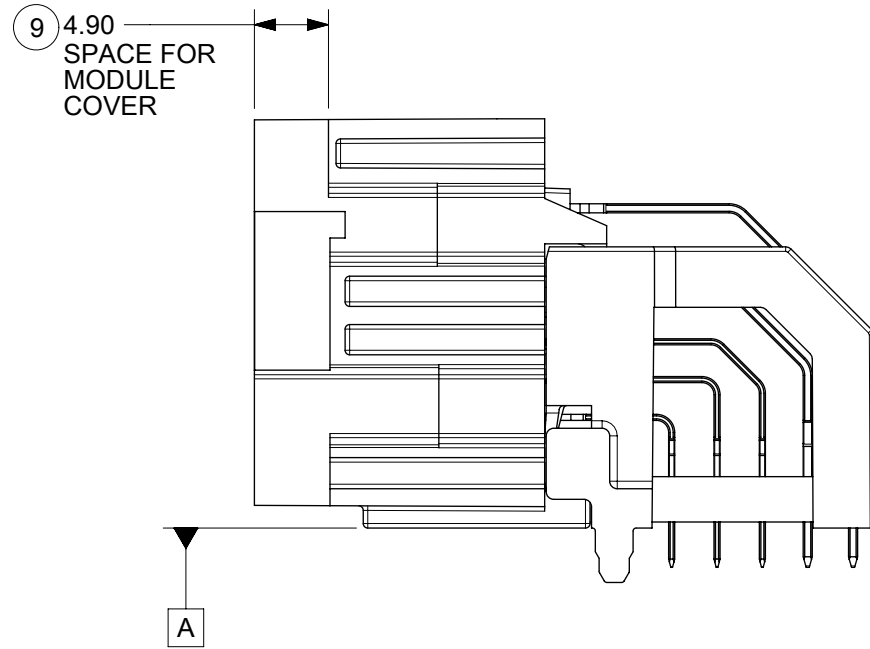
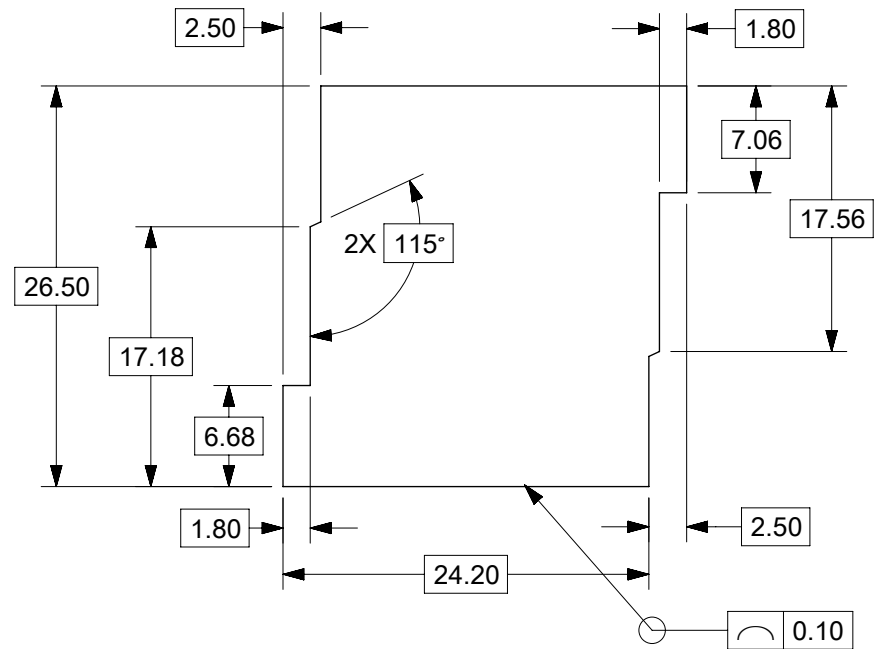
2. DESIGN - MATERIALS:
 - a. HOUSING: SPS 30% GF
 - b. BLADE TERMINALS
 1. 0.5MM BLADES
BASE MATERIAL: COPPER ALLOY
CONDUCTIVITY ≥ 28% IACS @ 20°C
UNDERPLATE: OVERALL NICKEL
OVERPLATE: OVERALL TIN
 2. 1.2MM BLADES
BASE MATERIAL: COPPER ALLOY
CONDUCTIVITY ≥ 28% IACS @ 20°C
UNDERPLATE: OVERALL NICKEL
OVERPLATE: 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 2005020270
 - 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-160029-002
 - h. MATING HARNESS CONNECTORS MOLEX PN:
1600290001 (KEY 1)
1600290002 (KEY 2)
1600290003 (KEY 3)
1600290004 (KEY 4)

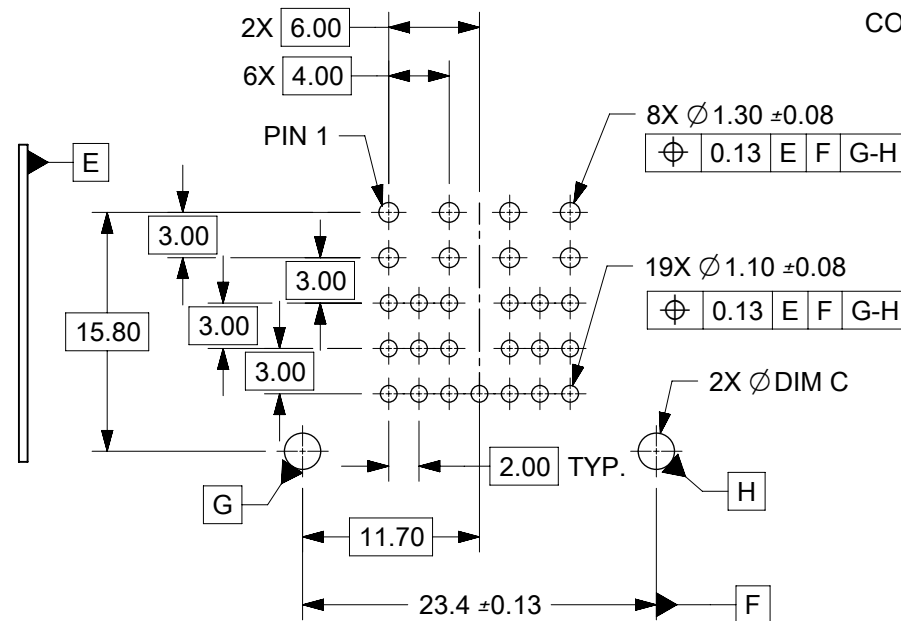
4. DESIGN - MANUFACTURING:
 - a. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (CLASS B)
 - b. REFLOW SOLDERABILITY PER SMES-152

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS mm		SCALE 2:1		CURRENT REV DESC: ADDED PCB HOLE DIMENSIONAL & POSITIONAL TOLERANCE				molex		STAK50H MOD HDR 27 RA SINGLE BAY ASM	
GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL ± °		EC NO: 630264 DRWN: YPENG47 2020/02/17 CHK'D: JRUTTER 2020/04/03 APPR: JCONDON 2020/05/11							
4 PLACES ± 0.0		3 PLACES ± 0.0		2 PLACES ± 0.13		1 PLACE ± 0.25		0 PLACES ± 0.0		PRODUCT CUSTOMER DRAWING	
INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
DRWN: JRUTTER 2015/06/26				2005021270SD		PSD		000		C2	
APPR: RBAUMAN 2016/08/22				MATERIAL NUMBER		CUSTOMER		SEE CHART		SHEET NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		1 OF 2	
				B-SIZE		200502					

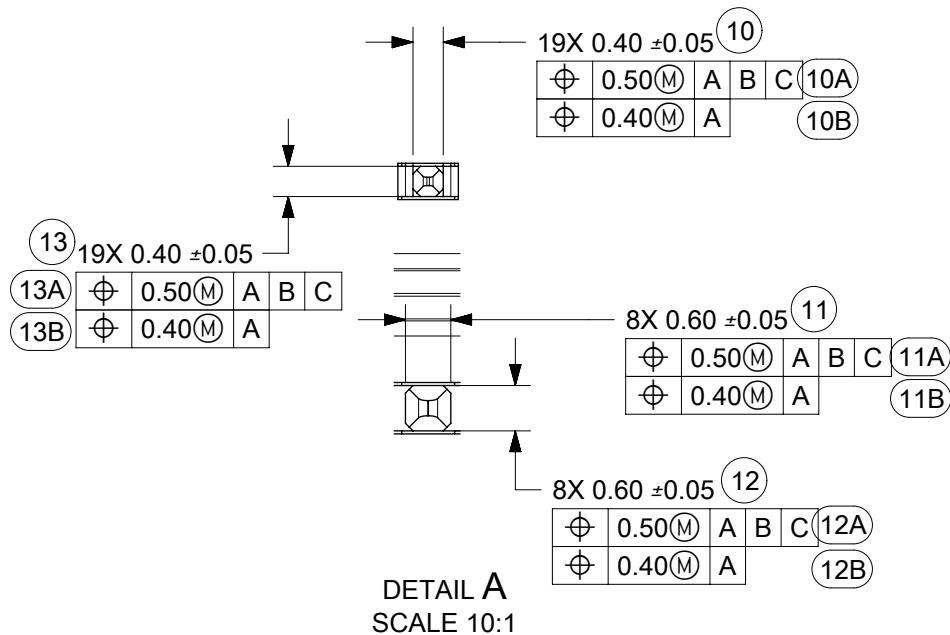
RECOMMENDED MODULE OPENING
TO PASS ISO 20653 IP40



HEADER OUTLINE AND
PCB - HEADER CONTACT AREAS
FOR REFERENCE ONLY



POST HOLE FIT	DIM C
PRESS FIT	2.40±0.08
DROP IN	2.90 MIN



C2	ADDED PCB HOLE DIMENSIONAL & POSITIONAL TOLERANCE 20-Feb-2020 YPENG47 ECN:630264
REVISION	DESCRIPTION

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: ADDED PCB HOLE DIMENSIONAL & POSITIONAL TOLERANCE							
mm	1:1	molex STAK50H MOD HDR 27 RA SINGLE BAY ASM PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: 2005021270SD DOC TYPE: PSD DOC PART: 000 REVISION: C2 MATERIAL NUMBER: SEE CHART CUSTOMER: SHEET NUMBER: 2 OF 2							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL	± °								
4 PLACES	± 0.0								
3 PLACES	± 0.0								
2 PLACES	± 0.13								
1 PLACE	± 0.25	EC NO: 630264	2020/02/17	DRWN: YPENG47				2020/04/03	
0 PLACES	± 0.0	INITIAL REVISION:		DRWN: JRUTTER		2015/06/26		2016/08/22	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
			B-SIZE	200502	SEE CHART				2 OF 2