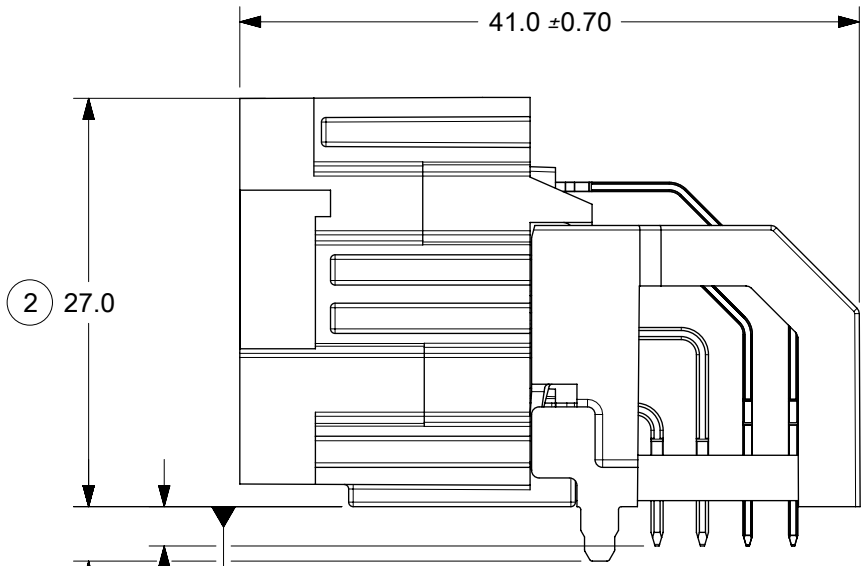


KEY 1
PART NO. 2005020121

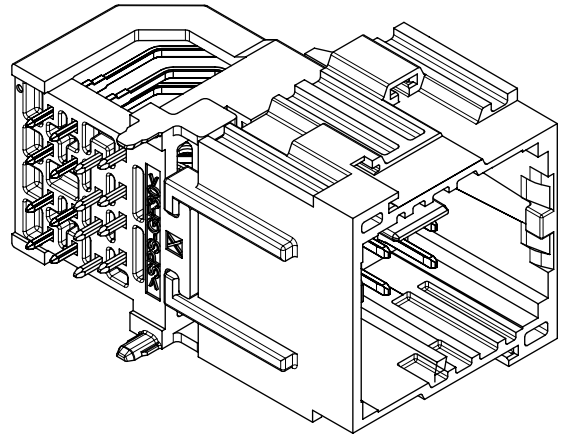
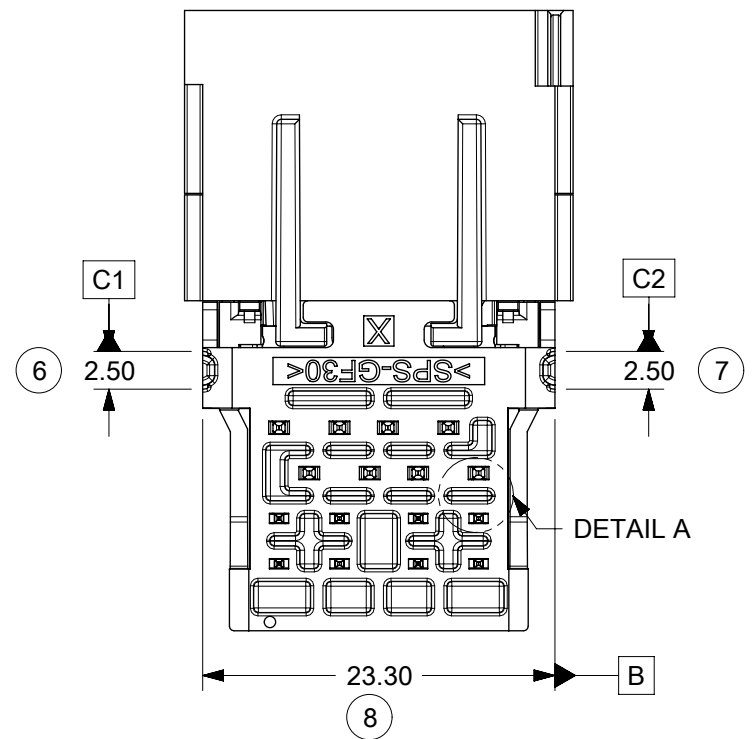


- ⑤ 2X 3.6
- ④ 16X 2.60 ± 0.50

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

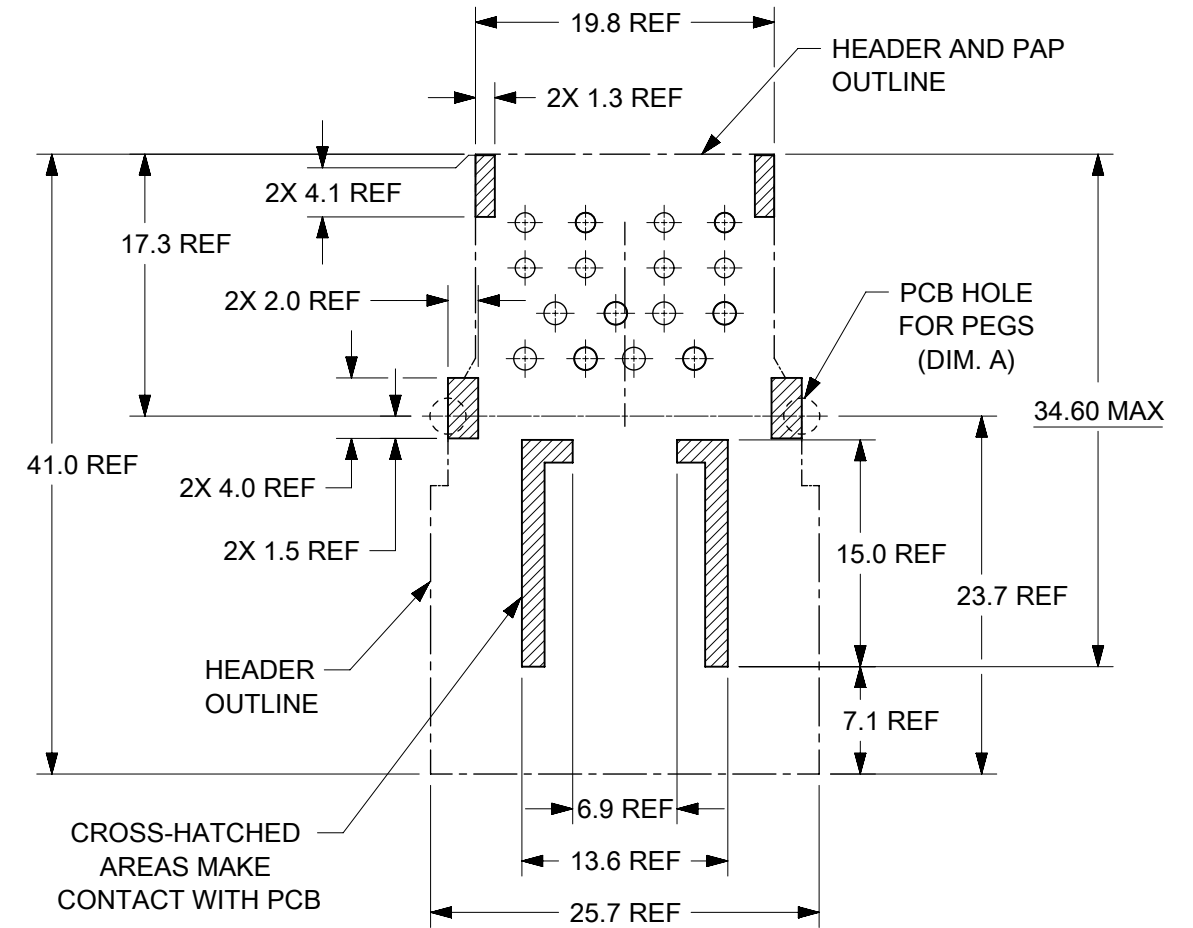
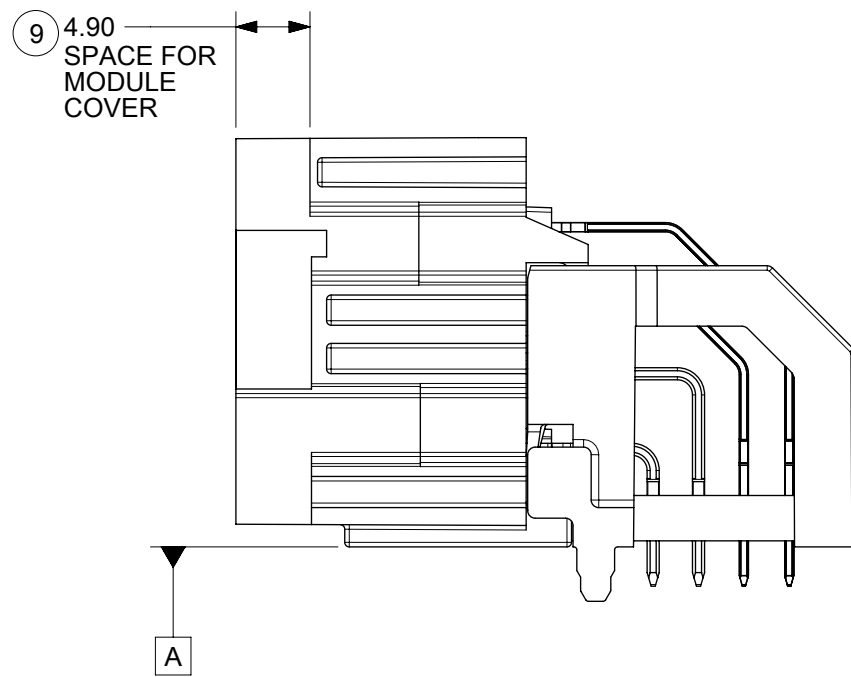
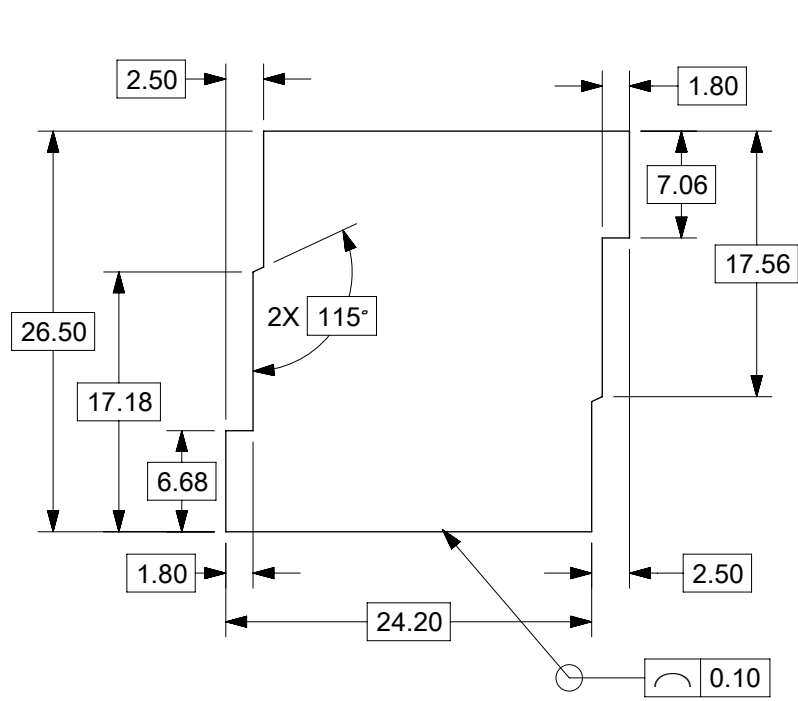
FOUR (4) KEYS AVAILABLE
SEE INTERFACE DRAWING
SD-160026-002 FOR DEFINITION

- 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

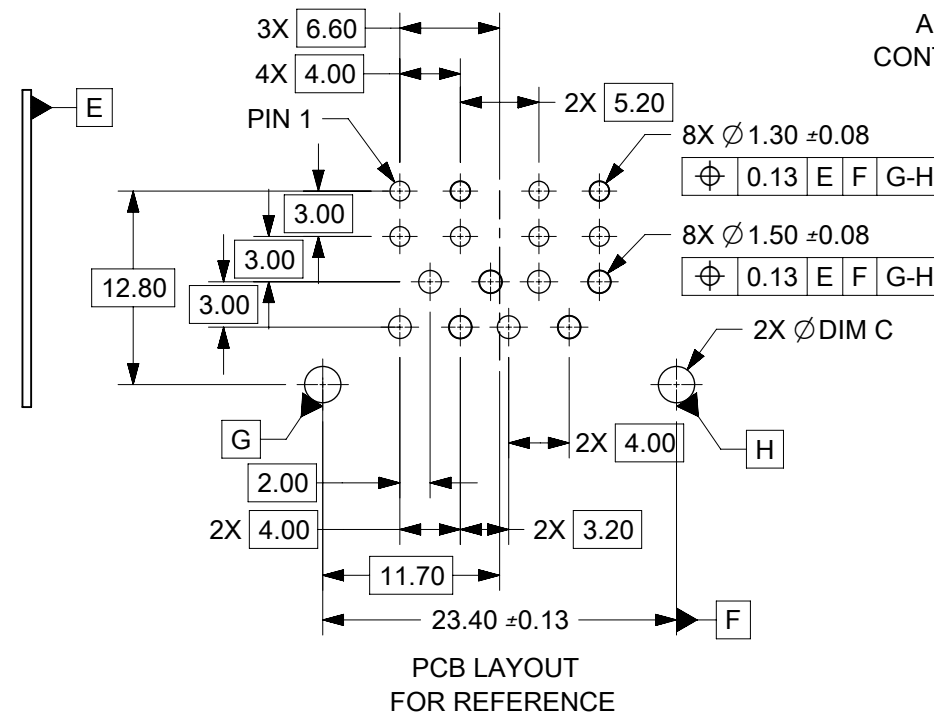


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS	SCALE	CURRENT REV DESC: ADDED PCB HOLE DIMENSIONAL & POSITIONAL TOLERANCE							
mm	2:1								
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL	± °	EC NO: 630264			STAK50H MOD HDR 12 RA SOLDER SINGLE BAY				
4 PLACES	± 0.0	DRWN: YPENG47 2020/02/17			PRODUCT CUSTOMER DRAWING				
3 PLACES	± 0.0	CHK'D: JRUTTER 2020/04/03			DOCUMENT NUMBER				
2 PLACES	± 0.13	APPR: JCONDON 2020/05/11			2005021120SD				
1 PLACE	± 0.25	INITIAL REVISION:			DOC TYPE DOC PART REVISION				
0 PLACES	± 0.0	DRWN: JRUTTER 2015/06/24			PSD 000 C2				
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

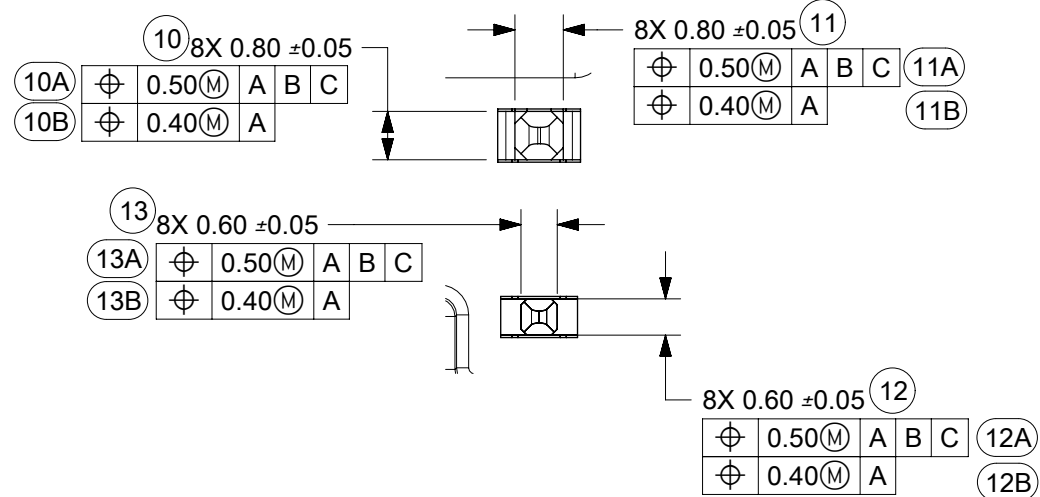
RECOMMENDED MODULE OPENING



HEADER OUTLINE AND PCB - HEADER CONTACT AREAS FOR REFERENCE ONLY



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



DETAIL A
SCALE 8:1

C2	ADDED PCB HOLE DIMENSIONAL & POSITIONAL TOLERANCE 10-JAN-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 12 RA SOLDER SINGLE BAY PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: 2005021120SD DOC TYPE: PSD DOC PART: 000 REVISION: C2 MATERIAL NUMBER: SEE CHART CUSTOMER: SHEET NUMBER: 2 OF 2							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL	\pm °								
4 PLACES	\pm 0.0								
3 PLACES	\pm 0.0								
2 PLACES	\pm 0.13								
1 PLACE	\pm 0.25	EC NO: 630264	2020/02/17	INITIAL REVISION:					
0 PLACES	\pm 0.0	DRWN: YPENG47	2020/04/03	DRWN: JRUTTER		2015/06/24		APPR: RBAUMAN	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER				
			B-SIZE	200502	SEE CHART				