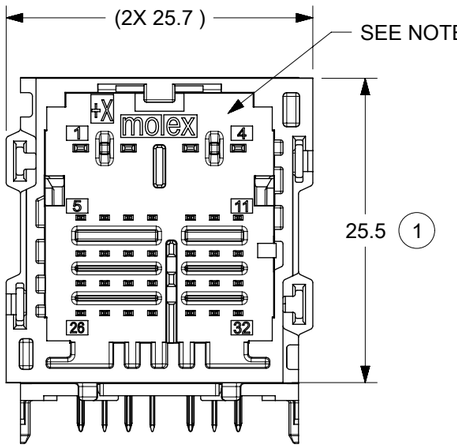
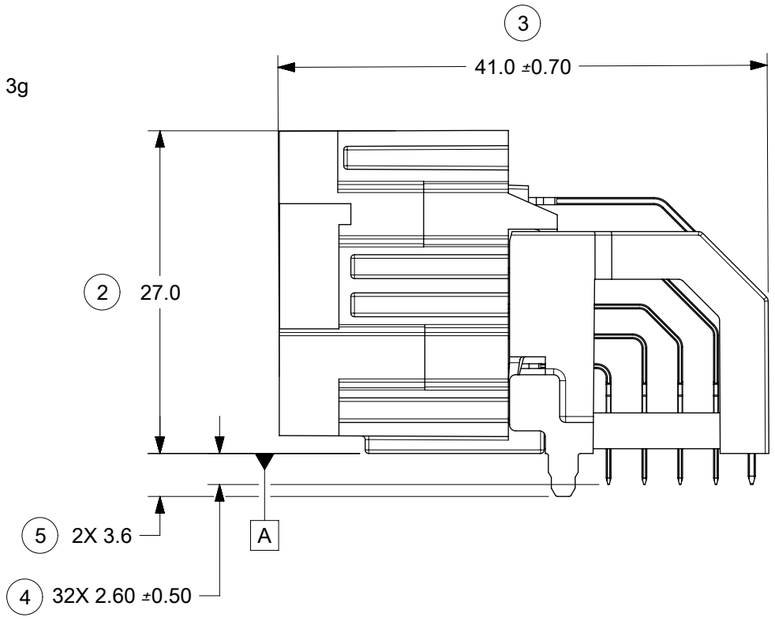
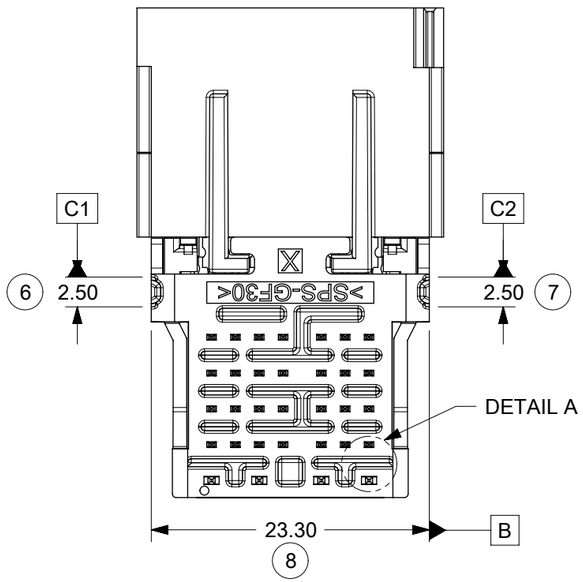
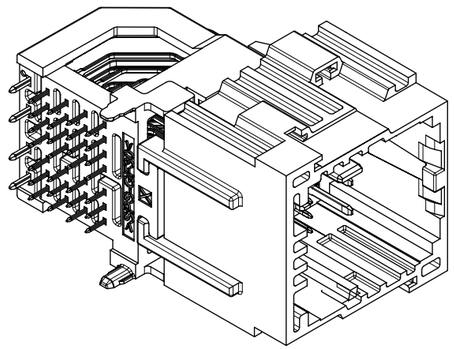








PART NUMBER	KEY	COLOR	TERMINAL QUANTITIES	
			0.5mm	1.2mm
2005020321	1	BLACK	28	4
2005020322	2	BLUE		
2005020323	3	DARK GRAY		
2005020324	4	PURPLE		

FOUR (4) KEYS AVAILABLE
SEE INTERFACE DRAWING
SD-160028-002 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 2005020320
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-160028-002
h. MATING HARNESS CONNECTORS MOLEX PN:
1600280001 (KEY 1)
1600280002 (KEY 2)
1600280003 (KEY 3)
1600280004 (KEY 4)
4. DESIGN - MANUFACTURING:
a. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (CLASS B)
b. REFLOW SOLDERABILITY PER SMES-152

DIMENSION UNITS	mm
SCALE	2:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL ± °	
4 PLACES	± 0.0
3 PLACES	± 0.0
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	± 0.0
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: PCB CONTACT AREA DET

EC NO: 630264
DRWN: YPENG47 2020/02/17
CHK'D: JRUTTER 2020/04/03
APPR: JCONDON 2020/05/11

INITIAL REVISION:
DRWN: JRUTTER 2015/06/26
APPR: RBAUMAN 2016/08/22

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 200502

molex

STAK50H MOD HDR 32 RA SOLDER SINGLE BAY

PRODUCT CUSTOMER DRAWING

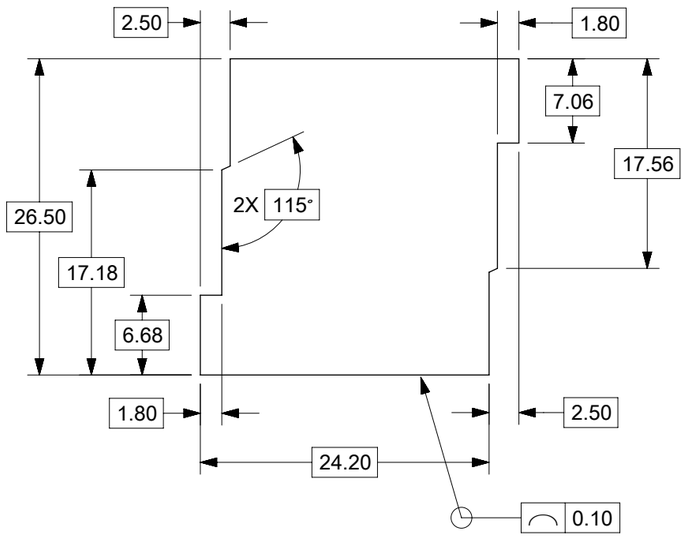
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2005021320SD	PSD	000	C2

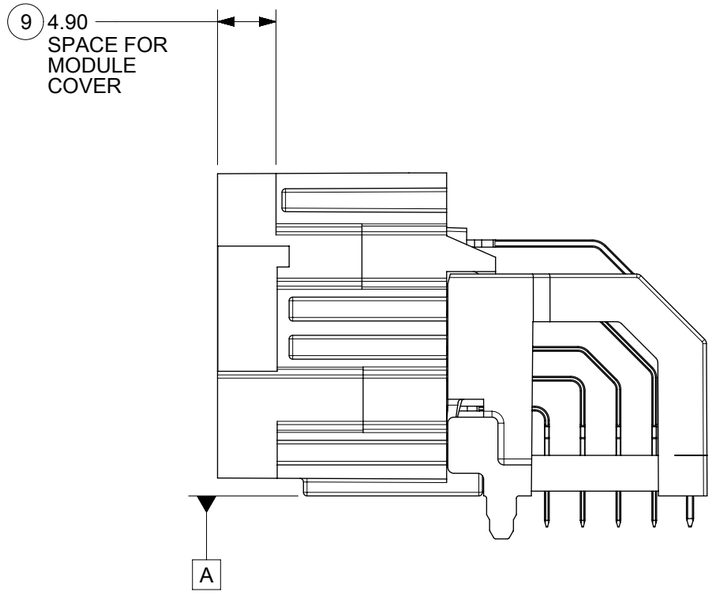
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART		1 OF 2

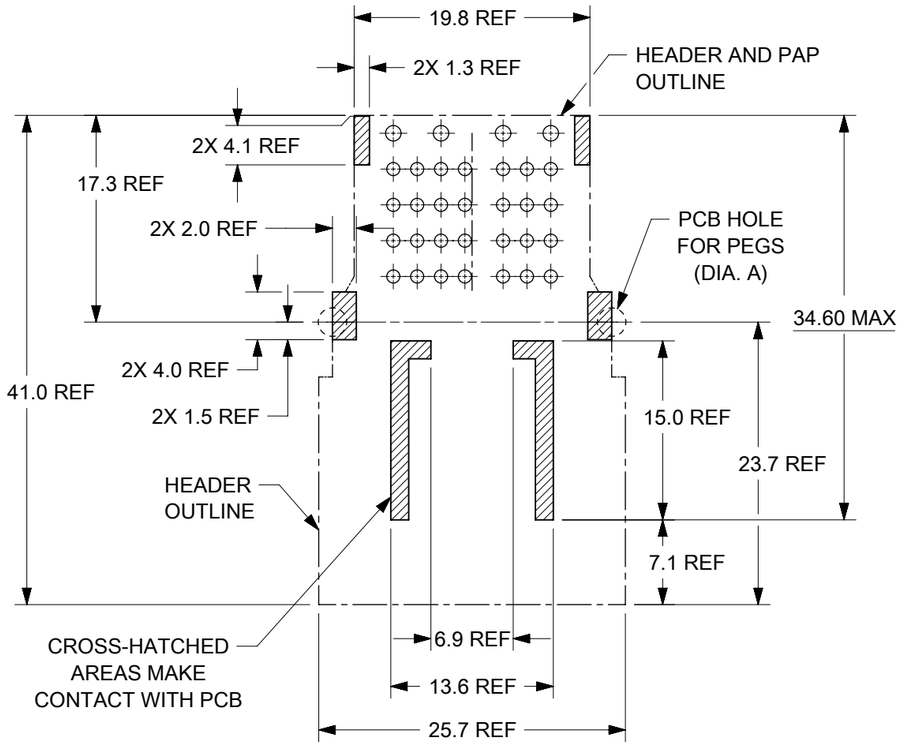
DOCUMENT STATUS	P1	RELEASE DATE	2020/05/11 16:49:03

FORMAT: master-B-size
REVISION: H
DATE: 2018/01/18

RECOMMENDED MODULE OPENING
TO PASS ISO 20653 IP40

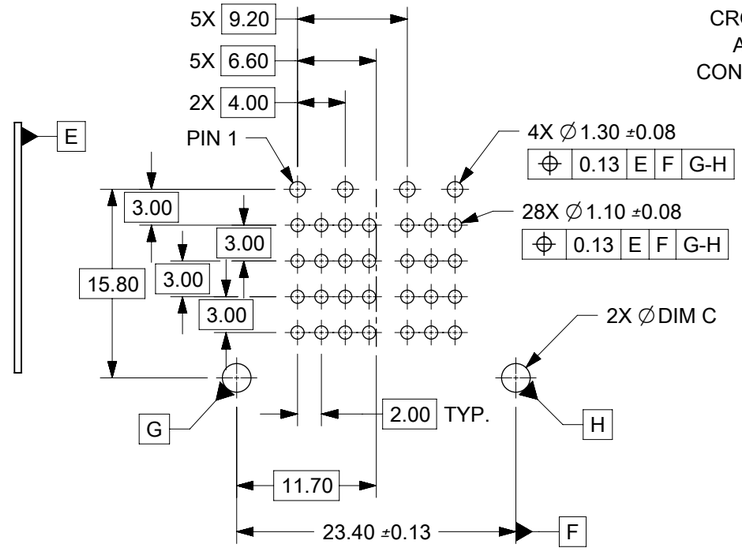






HEADER OUTLINE AND
PCB - HEADER CONTACT AREAS
FOR REFERENCE ONLY

DETAIL A
SCALE 10:1



PCB LAYOUT
FOR REFERENCE

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

REVISION	DESCRIPTION
C2	ADDED PCB HOLE DIMENSIONAL & POSITIONAL TOLERANCE 17-Feb-2020 YPENG47 ECN:630264

DIMENSION UNITS	SCALE
mm	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	°
4 PLACES	±	0.0
3 PLACES	±	0.0
2 PLACES	±	0.13
1 PLACE	±	0.25
0 PLACES	±	0.0

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: PCB CONTACT AREA
DET

EC NO: 630264
DRWN: YPENG47 2020/02/17
CHK'D: JRUTTER 2020/04/03
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INITIAL REVISION:
DRWN: JRUTTER 2015/06/26
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THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 200502

molex

STAK50H MOD HDR 32 RA SOLDER SINGLE BAY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2005021320SD	PSD	000	C2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART		2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2020/05/11 16:49:03

FORMAT: master-B-prod
REVISION: H
DATE: 2018/01/18