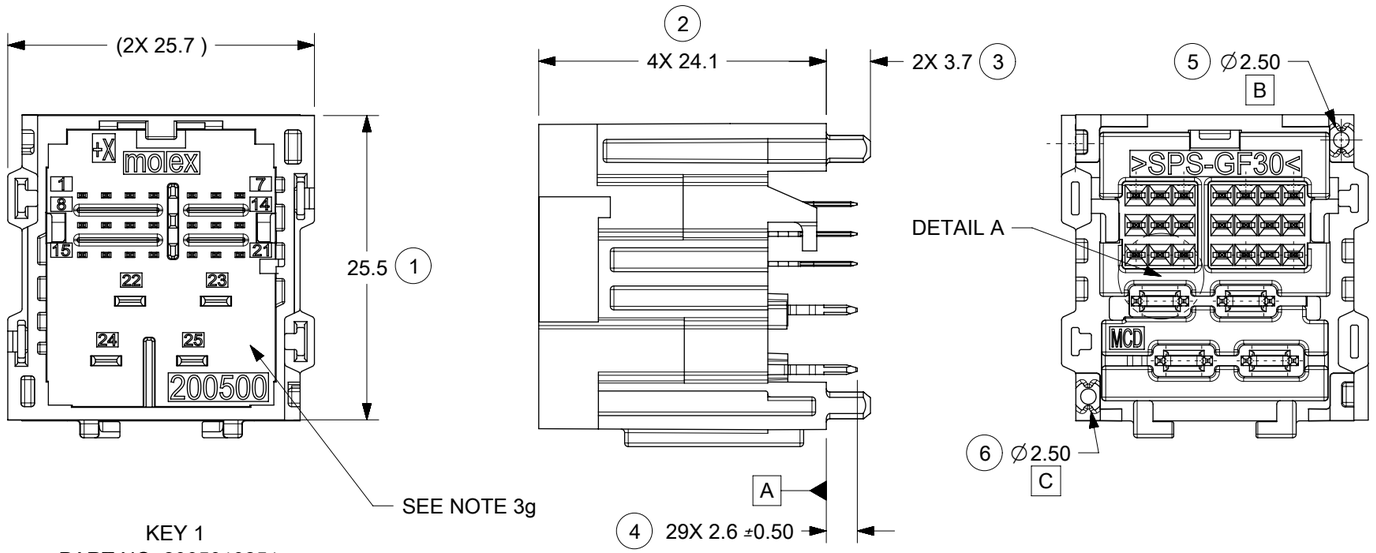
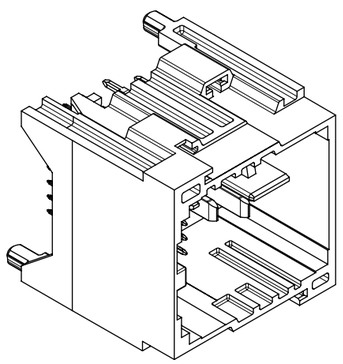


KEY 1
PART NO. 2005010251

PART NUMBER	KEY	COLOR	TERMINAL QUANTITIES	
			0.5mm	2.8mm
2005010251	1	GREEN	21	4
2005010252	2	GRAY		
2005010253	3	BLACK		
2005010254	4	DARK GRAY		

FOUR (4) KEYS AVAILABLE
SEE INTERFACE DRAWING
SD-160027-002 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. 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. 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 2005010250
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-160027-002
h. MATING HARNESS CONNECTORS MOLEX PN:
1600270001 (KEY 1)
1600270002 (KEY 2)
1600270003 (KEY 3)
1600270004 (KEY 4)
4. DESIGN - MANUFACTURING:
a. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (CLASS B)
b. REFLOW SOLDERABILITY PER SMES-152



QUALITY SYMBOLS
E = 0
C = 0
B = 0
▼ = 0
C = 0
☒ = 0
■ = 0
C = 0

INTERFACE UPDATE 2018/07/27
EC NO: 602205 2018/08/01
DRWN: JRUTTER 2018/08/01
CHK'D: JCONDON
APPR: JCONDON
REV C

GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± 0.5 °
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

DIMENSION UNITS: mm
SCALE: 2:1
DRWN BY: JRUTTER DATE: 2015/07/22
CHK'D BY: DATE:
APPR BY: RBAUMAN DATE: 2016/08/22
DRAWING SIZE: B
THIRD ANGLE PROJECTION

molex®

STAK50H MOD HDR 25 VERT SOLDER

PRODUCT CUSTOMER DRAWING

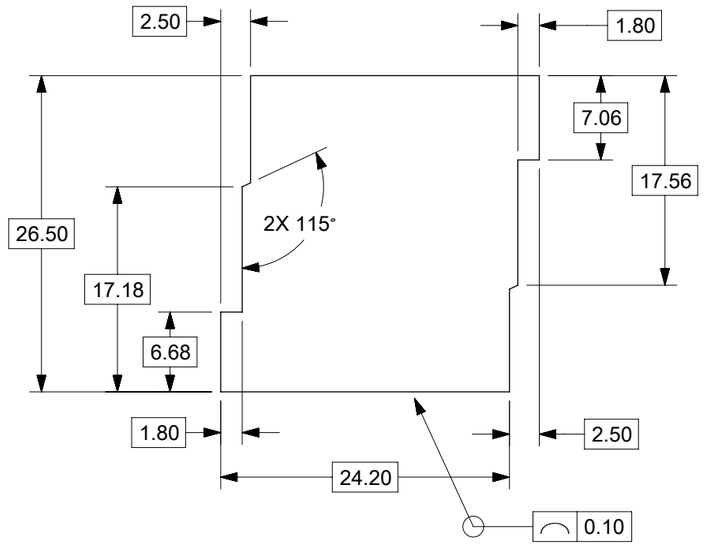
SERIES	MATERIAL NUMBER	CUSTOMER
200501	SEE CHART	

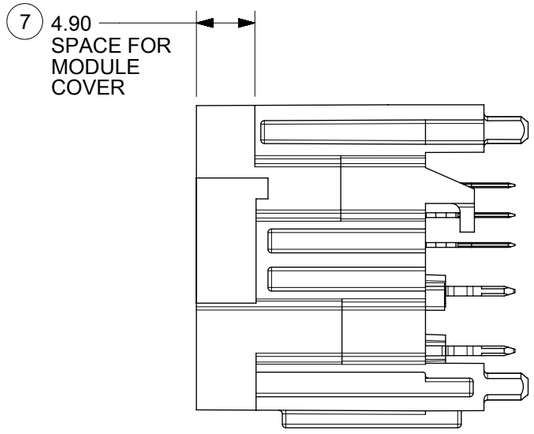
DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
2005011250SD	PSD	000	1 OF 2

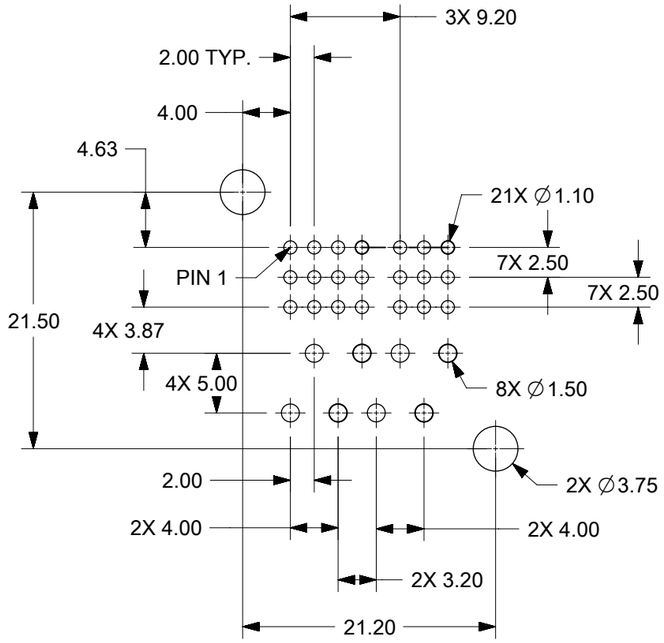
RELEASE STATUS	P1	RELEASE DATE	2018/08/01 16:14:11

FORMAT: master-tb-prod-B
REVISION: G
DATE: 2017/02/06

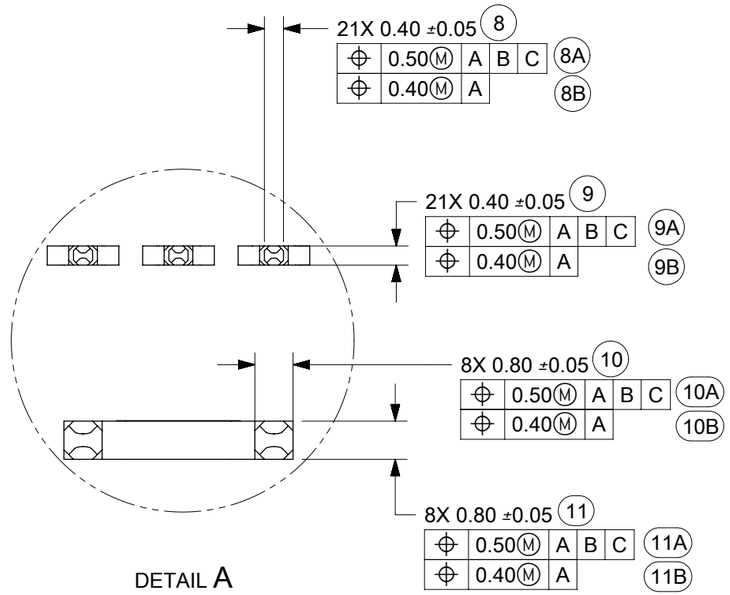
RECOMMENDED MODULE OPENING







PCB LAYOUT
FOR REFERENCE



DETAIL A
SCALE 8:1

QUALITY SYMBOLS	
FA	= 0
EC	= 0
EP	= 0
▼	= 0
C	= 0
☒	= 0
■	= 0
V	= 0

REV			
C	EC NO: 602205	DRWN: JRUTTER	CHK'D: JCONDON	APPR: JCONDON	INTERFACE UPDATE	2018/07/27	2018/08/01	2018/08/01

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ±	0.5 °
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

DIMENSION UNITS	mm
SCALE	1:1
DRWN BY	JRUTTER
DATE	2015/07/22
CHK'D BY	
DATE	
APPR BY	RBAUMAN
DATE	2016/08/22
DRAWING SIZE	B
THIRD ANGLE PROJECTION	

molex®

STAK50H MOD HDR 25 VERT SOLDER

PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
200501	SEE CHART	

DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
2005011250SD	PSD	000	2 OF 2

RELEASE STATUS	P1	RELEASE DATE	2018/08/01 16:14:11

FORMAT: master-tb-prod-B
REVISION: G
DATE: 2015/12/14