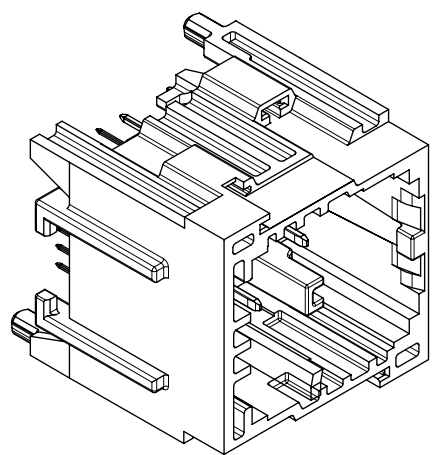


KEY 1
PART NO. 2005010281

SEE NOTE 3g

PART NUMBER	KEY	COLOR	TERMINAL QUANTITIES	
			0.5mm	1.2mm
2005010281	1	DARK GRAY	21	7
2005010282	2	GREEN		
2005010283	3	GRAY		
2005010284	4	BLACK		

FOUR (4) KEYS AVAILABLE
SEE INTERFACE DRAWING
SD-160014-002 FOR DEFINITION



NOTES: VALID UNLESS OTHERWISE SPECIFIED
1. GENERAL:
a. APPLICATION SPECIFICATION 2005060000-AS
b. PRODUCT SPECIFICATION 200506001-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

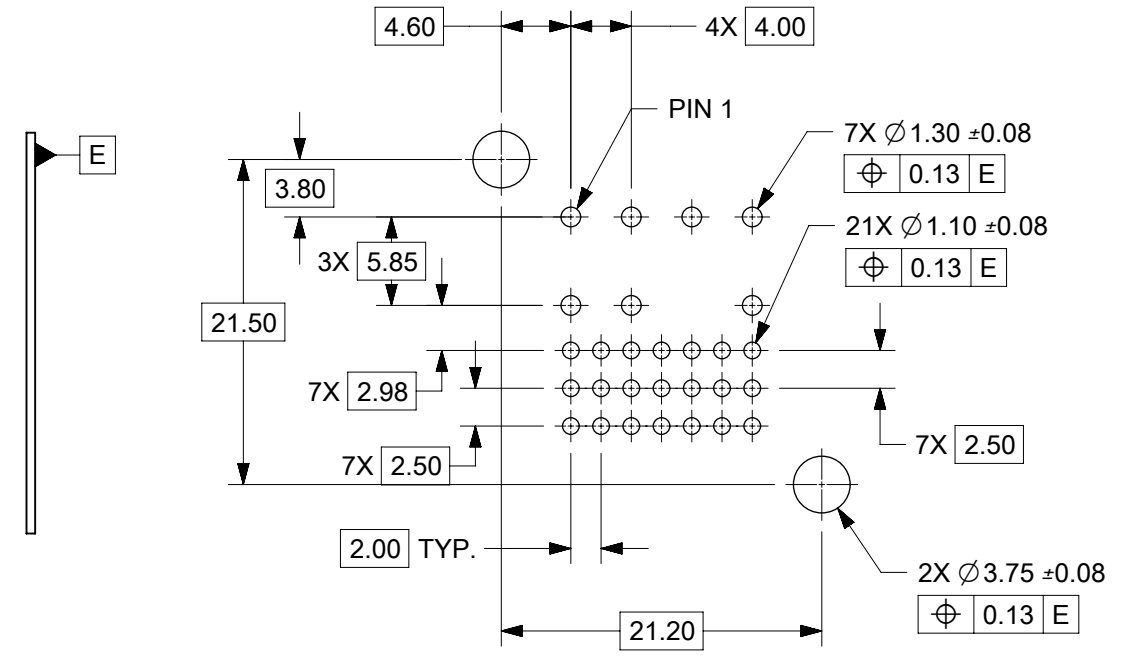
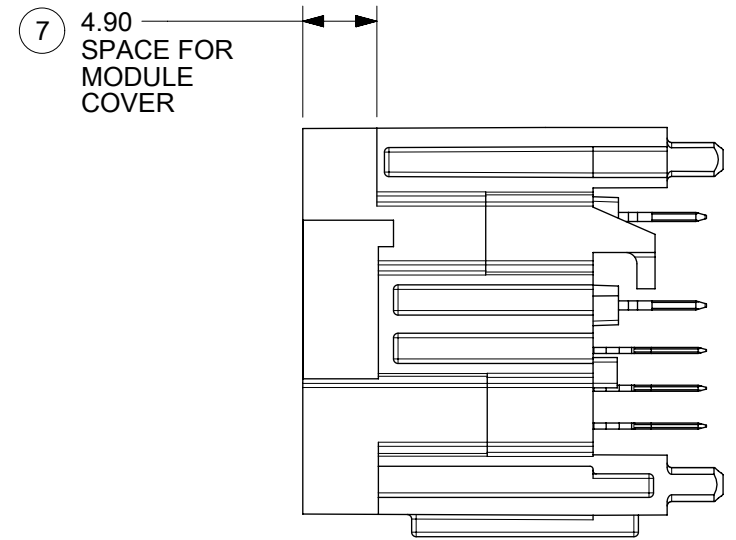
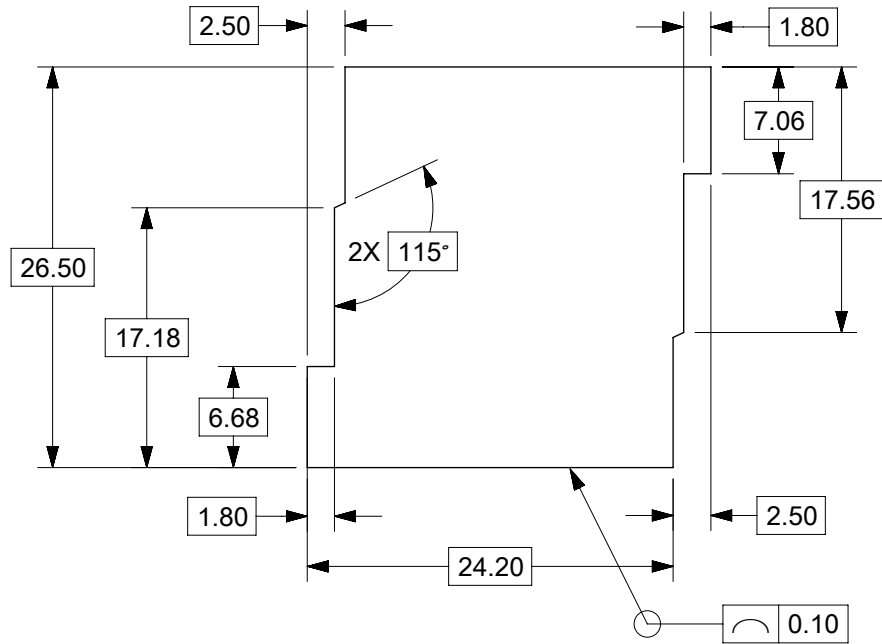
3. DESIGN - GEOMETRY:
a. ALL GRAPHIC DATA IS BASIC (NO TOLERANCE) AND MUST BE TAKEN FROM THE DATA FILE AT ITS LATEST REVISION.
b. PRODUCT DESIGN MODEL NUMBER 2005010280
c. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5-2009
d. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
e. CORNERS SHOWN AS SHARP 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-160014-002
h. MATING HARNESS CONNECTORS MOLEX PN:
1600140001 (KEY 1)
1600140002 (KEY 2)
1600140003 (KEY 3)
1600140004 (KEY 4)

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

INSPECTION BALLOON NUMBER LOG
PER DRAWING REVISION: C1
LAST BALLOON NUMBER: 11B
ADDED BALLOON NUMBER: NONE
DELETED BALLOON NUMBER: NONE

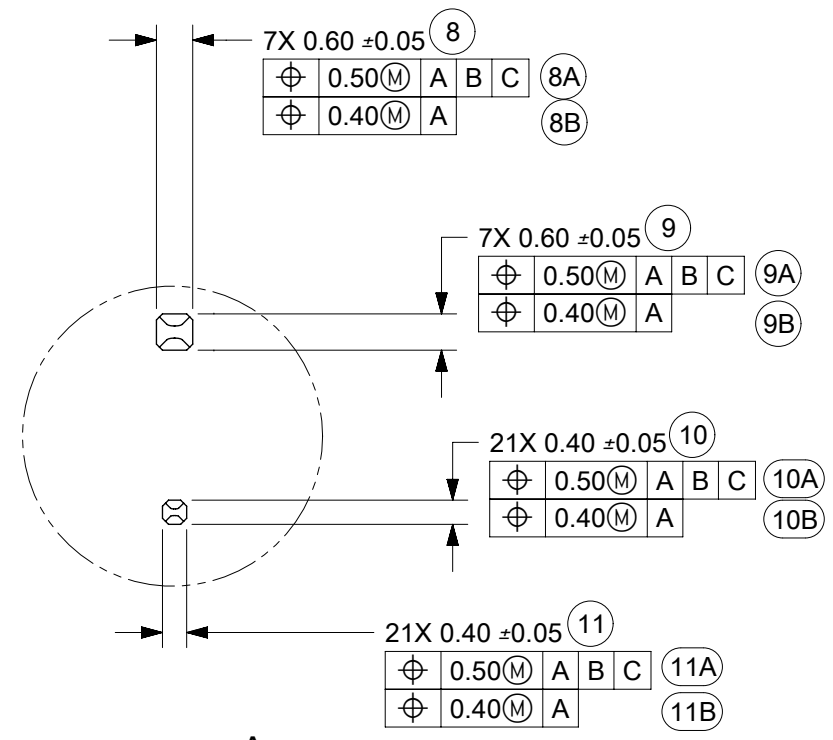
FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: SEE REVISION SHEET		molex			
FA = 0	mm	SCALE	2:1	EC NO: 639277				STAK50H MOD HDR 28 VERTICAL SINGLE ASM	
FB = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: YPENG47		2020/02/17		PRODUCT CUSTOMER DRAWING		
FC = 0	ANGULAR TOL ± °		CHK'D: JRUTTER		2020/06/22		DOCUMENT NUMBER		
DIVISIONAL SYMBOLS		4 PLACES ± 0.0		APPR: JCONDON		2020/06/23		2005011280SD	
		3 PLACES ± 0.0		INITIAL REVISION:		2015/05/21		PSD 000 C1	
		2 PLACES ± 0.13		DRWN: JRUTTER		2016/08/22		MATERIAL NUMBER	
		1 PLACE ± 0.25		APPR: RBAUMAN		2016/08/22		CUSTOMER	
		0 PLACES ± 0.0		THIRD ANGLE PROJECTION		DRAWING		SHEET NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		B-SIZE		SERIES		200501		1 OF 2	

RECOMMENDED MODULE OPENING
TO PASS ISO 20653 IP40



PCB LAYOUT
FOR REFERENCE

FOR SINGLE-BAY HEADER ONLY
FOR MULTIPLE-BAY STACKED HEADER SEE DRAWING 2005050000



DETAIL A
SCALE 8:1

C1	ADDED PCB HOLE DIMENSIONAL & POSITIONAL TOLERANCE 10-JUNE-2020 YPENG47 ECN:639277
REVISION	DESCRIPTION

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: SEE REVISION SHEET			
	DIMENSION UNITS	SCALE	EC NO: 639277 DRWN: YPENG47 CHK'D: JRUTTER APPR: JCONDON			STAK50H MOD HDR 28 VERTICAL SINGLE ASM
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		2020/02/17 2020/06/22 2020/06/23		PRODUCT CUSTOMER DRAWING	
	ANGULAR TOL ± °		INITIAL REVISION:			DOCUMENT NUMBER
	4 PLACES ± 0.0		DRWN: JRUTTER APPR: RBAUMAN		2015/05/21 2016/08/22	2005011280SD
	3 PLACES ± 0.0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DOC TYPE DOC PART REVISION
2 PLACES ± 0.13		DRAWING		SERIES	PSD 000 C1	
1 PLACE ± 0.25		B-SIZE		200501	MATERIAL NUMBER CUSTOMER SHEET NUMBER	
0 PLACES ± 0.0					200501 2 OF 2	