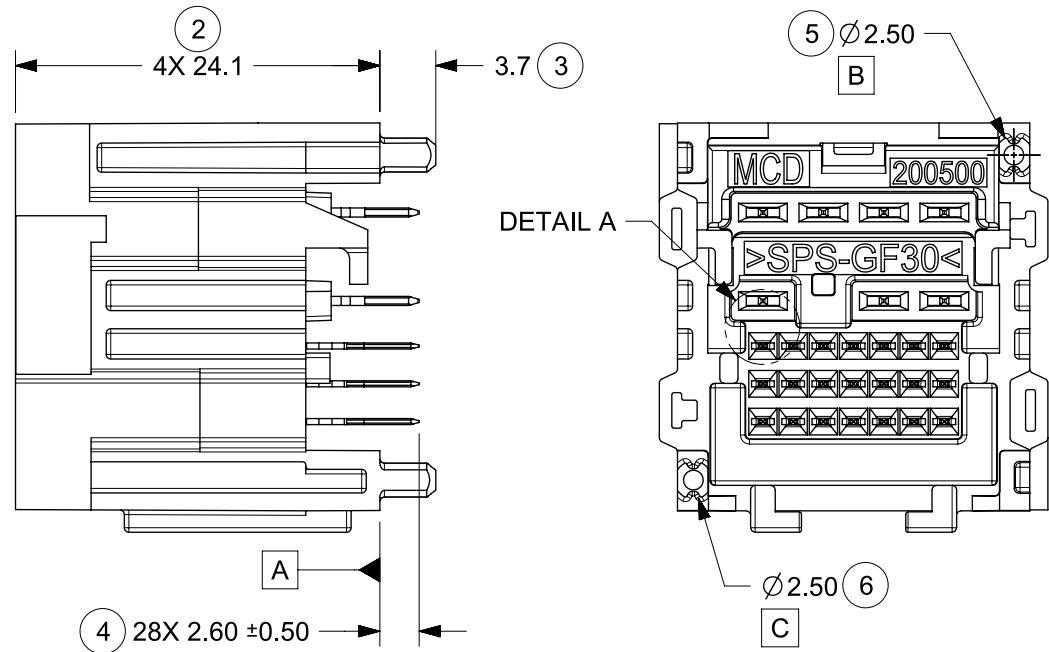
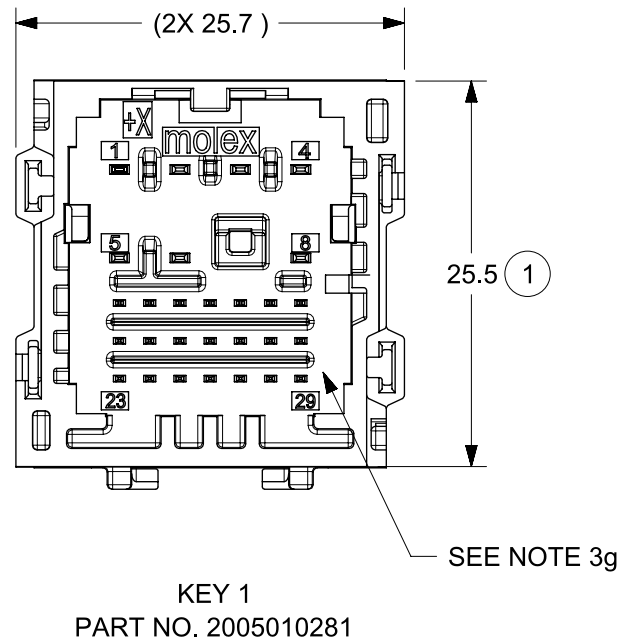
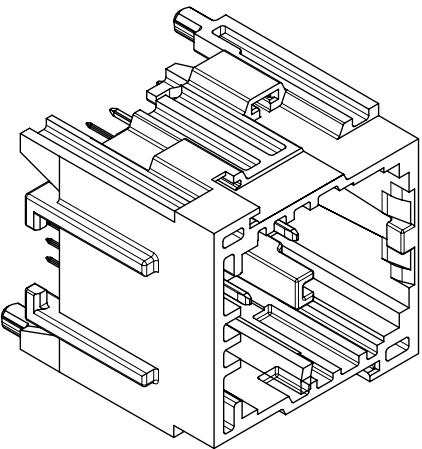




PART NUMBER TUBE PACKAGING 2005058100	PART NUMBER TRAY PACKAGING 2005053013-PK	KEY	COLOR	TERMINAL QUANTITIES	
				0.5mm	1.2mm
2005010281	2005011281	1	DARK GRAY	21	7
2005010282	2005011282	2	GREEN		
2005010283	2005011283	3	GRAY		
2005010284	2005011284	4	BLACK		

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

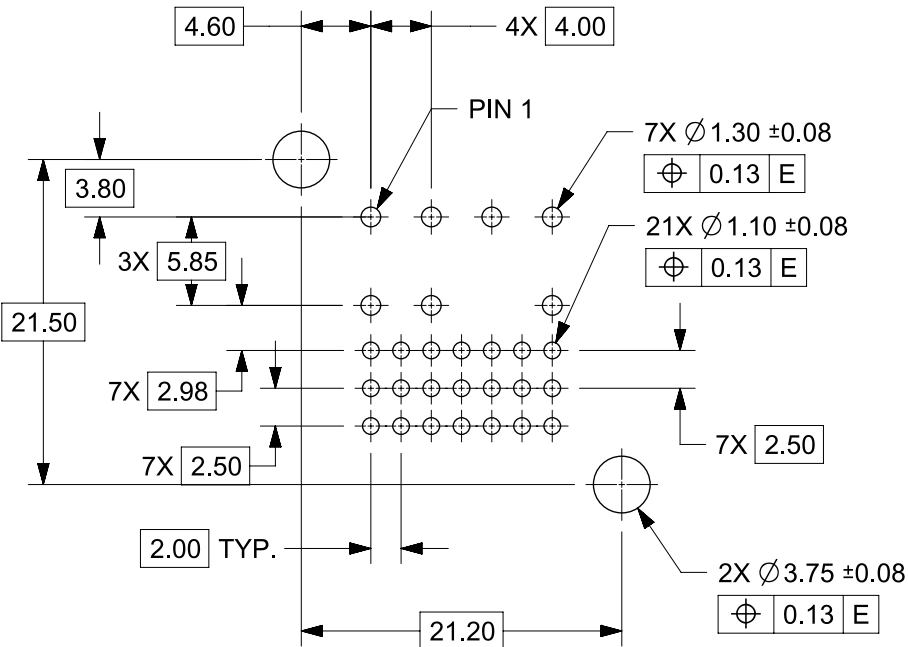
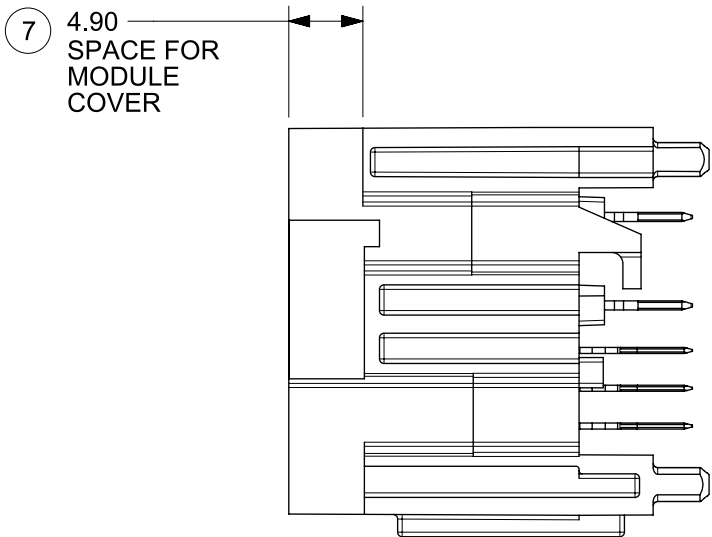
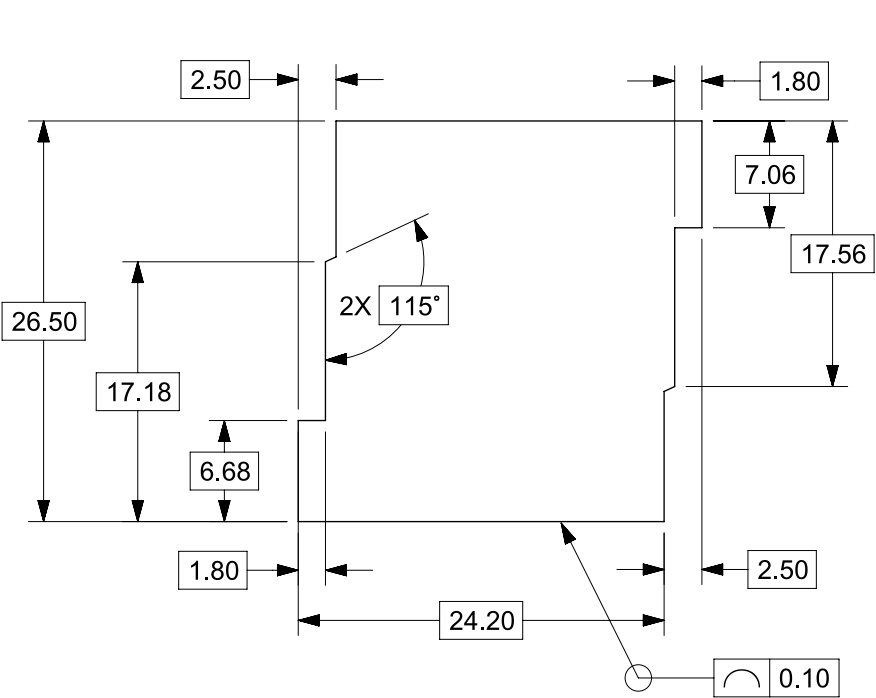


- NOTES: VALID UNLESS OTHERWISE SPECIFIED
1. GENERAL:
- a. APPLICATION SPECIFICATION 2005060000-AS
 - b. PRODUCT SPECIFICATION 2005060001-PS
 - CLASSIFICATIONS T2V1S1 TO GMW 3191 2012
 - DEGREE OF PROTECTION IP40 TO ISO 20653 WITH MOLEX MATING CONNECTOR
 - c. PACKAGING SPECIFICATION PER MOLEX DRAWING
2. DESIGN - MATERIALS:
- a. HOUSING: SPS 30% GF
 - b. BLADE TERMINALS:
 - 1. 0.5MM BLADES
BASE MATERIAL: COPPER ALLOY
UNDERPLATE: OVERALL NICKEL
OVERPLATE: OVERALL TIN
 - 2. 1.2MM BLADES
BASE MATERIAL: COPPER ALLOY
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:
1600140011 (KEY 1)
1600140012 (KEY 2)
1600140013 (KEY 3)
1600140014 (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: D1
LAST BALLOON NUMBER: 11B
ADDED BALLOON NUMBER: NONE
DELETED BALLOON NUMBER: NONE

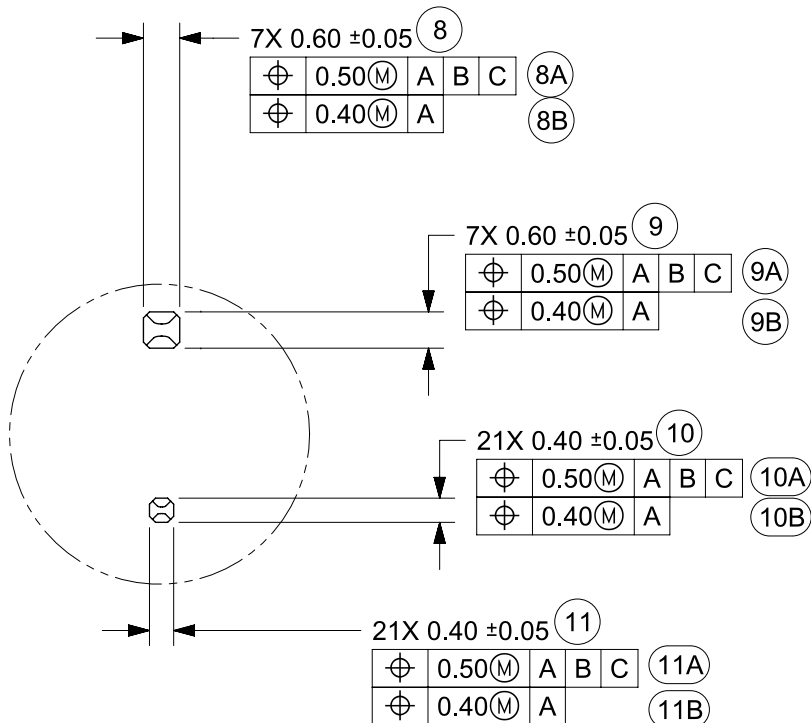
		SEE SHEET 2													
		REVISION		DESCRIPTION											
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
FUNCTIONAL SYMBOLS F _A = 0 F _E = 0 F _P = 0 DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE			molex STAK50H MOD HDR 28 VERTICAL SINGLE ASM							
	MM		2:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	ANGULAR TOL ± °							PRODUCT CUSTOMER DRAWING							
	4 PLACES		±												
	3 PLACES		±												
	2 PLACES		± 0.130												
	1 PLACE		± 0.25												
	0 PLACES		±					DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
						B-SIZE		200501		SEE TABLE				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

D2	NOTES 1.B AND 2.B UPDATED
D1	TITLE BLOCK UPDATE
D	UPDATED THE PACKAGING DETAILS
C1	ADDED PCB HOLE DIMENSIONAL & POSITIONAL TOLERANCE 10-JUNE-2020 YPENG47 ECN:639277
REVISION	DESCRIPTION

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
FUNCTIONAL SYMBOLS F = 0 F = 0 F = 0 DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE			molex STAK50H MOD HDR 28 VERTICAL SINGLE ASM							
	MM		1:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	ANGULAR TOL ± °														
	4 PLACES		±		PRODUCT CUSTOMER DRAWING										
	3 PLACES		±												
	2 PLACES		± 0.130												
	1 PLACE		± 0.25												
0 PLACES		±		STATUS: Production			2025-03-05		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						B-SIZE		200501		SEE TABLE				2 OF 2	
										2005011280SD		PSD		000	D2