



NOTES:

- MATERIAL:
METAL SHELL: COPPER ALLOY.
HOUSING: SEE CHART, 30% GLASS FIBER FILLED, UL94-V0.
TERMINAL: PHOSPHOR BRONZE
- TERMINAL:
CONTACT AREA: (a) GOLD FLASH.
(b) GOLD (Au), THICKNESS=0.76µM/ 30µINCH MINIMUM.
SOLDER TAIL: TIN PLATED, THICKNESS=1.9µM/ 75µINCH MINIMUM.
UNDER PLATED: NICKEL (Ni), THICKNESS=1.25µM/50µINCH MINIMUM.
METAL SHELL: SEE CHART.
- RECOMMENDED PCB THICKNESS: SEE CHART
- PRODUCT SPECIFICATION: FOR IR REFER TO PS-67643-002
FOR NON IR REFER TO PS-67643-003
- TORQUE FORCE SPEC: 2.50kg-cm Min, MEASURED AT BROKEN POINT.
- TEST SUMMARY: FOR IR REFER TO TS-67643-002
FOR NON IR REFER TO TS-67643-003
- PACKAGE: REFER TO PK-67643-002
- LEAD FREE AND ROHS COMPLIANT PRODUCT

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:				molex	
mm		2:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 775548		2024/01/30		USB A TYPE RECT SINGLE RA THROUGH HOLE W/O FLG LEAD-FREE	
				DRWN: KCHENG06		2024/01/30		PRODUCT CUSTOMER DRAWING	
				CHK'D: HORACM1		2024/01/30			
				APPR: HORACM1		2024/01/30			
				INITIAL REVISION:					
				DRWN: FYANGO5		2013/12/12		DOCUMENT NUMBER	
				APPR:				SD-67643-003	
				ANGULAR TOL ± 3.0°				DOC TYPE DOC PART REVISION	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		MATERIAL NUMBER	
						DRAWING		CUSTOMER	
						SERIES		SHEET NUMBER	
						A3-SIZE		SEE TABLE	
						67643		GENERAL MARKET	
								1 OF 2	

P/N	HOUSING MATERIAL	COLOR	CONTACT PLATING	METAL SHELL PLATING	REMARK
67643-0910	POLYESTER	BLACK	GOLD FLASH	MATTE TIN PLATED AT SOLDER TAIL AREA. THICKNESS: 50 MICROINCH MINIMUM UNDER PLATING OF NICKEL (Ni) FOR ALL OVER SURFACE THICKNESS: 50 MICROINCH MINIMUM	NON IR RPOCESEE
67643-2910	HIGH TEMPERATURE NYLON	BLACK			FOR IR REFLOW PROCESS
67643-3910	HIGH TEMPERATURE NYLON	WHITE	0.76μM/30μINCH		FOR IR REFLOW PROCESS
67643-2911	HIGH TEMPERATURE NYLON	BLACK			FOR IR REFLOW PROCESS
67643-3911	HIGH TEMPERATURE NYLON	WHITE			
PCB THICKNESS		1.60±0.05			
DIMENSION "A"		2.60			

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DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex			
mm		2:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 775548 DRWN: KCHENG06 2024/01/30 CHK'D: HORACM1 2024/01/30 APPR: HORACM1 2024/01/30 INITIAL REVISION: DRWN: FYANGO5 2013/12/12 APPR:				PRODUCT CUSTOMER DRAWING			
								DOCUMENT NUMBER		DOC TYPE	
4 PLACES ±		±						SD-67643-003		PSD	
3 PLACES ±		±						001		J	
2 PLACES ±		0.25 ±						SHEET NUMBER		2 OF 2	
1 PLACE ±		0.25 ±						MATERIAL NUMBER		CUSTOMER	
0 PLACES ±		±		SEE TABLE		GENERAL MARKET					
ANGULAR TOL ±		3.0°		DRAWING		SERIES					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		A3-SIZE		67643					

DOCUMENT STATUS	P1	RELEASE DATE	2024/01/30	04:44:44
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