



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: OBSOLETE PART NUMBER				<b>molex</b>	
mm		2:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 655037		2021/01/15		USB A TYPE RECT SINGLE RA THROUGH HOLE W/O FLG LEAD-FREE	
				DRWN: VLOKESHA		2021/03/16			
				CHK'D: GGA		2021/03/16			
				APPR: GGA		2021/03/16		PRODUCT CUSTOMER DRAWING	
				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		SHEET NUMBER	
						DRAWING		MATERIAL NUMBER	
						SERIES		CUSTOMER	
						A3-SIZE		GENERAL MARKET	
						67643		SEE TABLE	
								1 OF 2	

P/N	HOUSING MATERIAL	COLOR	CONTACT PLATING	METAL SHELL PLATING	REMARK
67643-0910	POLYESTER	BLACK	GOLD FLASH	BRIGHT TIN PLATED. THICKNESS= 1.25μM/50μINCH MINIMUM UNDER PLATE:NICKEL (Ni).	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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mm		2:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 655037		2021/01/15		PRODUCT CUSTOMER DRAWING	
				DRWN: VLOKESHA		2021/03/16			
				CHK'D: GGA		2021/03/16		SD-67643-003	
				APPR: GGA		2021/03/16			
				INITIAL REVISION:		2013/12/12		PSD 001 H	
				DRWN: FYANGO5					
				APPR:				SEE TABLE	
				ANGULAR TOL ± 3.0°					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
				A3-SIZE		67643		GENERAL MARKET	
								SHEET NUMBER	
								2 OF 2	