



NOTES:  
 1.MATERIAL:  
 HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, UL94V-0, COLOR: BLACK;  
 TERMINAL: COPPER ALLOY,  
 FORKLOCK: COPPER ALLOY.  
 2.TERMINAL PLATING :  
 CONTACT AREA:  
 (A) GOLD FLASH,  
 (B) GOLD, THICKNESS=0.76 MICRONS MINIMUM,  
 (C) GOLD, THICKNESS=0.38 MICRONS MINIMUM,  
 (D) GOLD FLASH OVER 1.0 MICRONS MINIMUM  
 PALLADIUM-NICKEL (URABILITY 5000 CYCLES),  
 SOLDER AREA: TIN OR TIN-LEAD, THICKNESS=127 MICRONS MINIMUM;  
 UNDER PLATE: NICKEL, THICKNESS=1.27 MICRONS MINIMUM.  
 3.FORKLOCK PLATING:  
 SOLDER AREA: TIN OR TIN-LEAD, THICKNESS=127 MICRONS MINIMUM;  
 UNDER PLATE: NICKEL, THICKNESS=1.27 MICRONS MINIMUM.  
 4.PRODUCT SPECIFICATION: REFER TO PS-67492-001.  
 5.PACKAGING METHOD: TRAY, USE DRYER IN HDPE BAG TO PREVENT BLISTER.  
 6.MATING PARTS: 87703/87672.

P/N	PLATING	DIM'A'	DIM'B'	DIM'C'	DIM'D'	REMARK
67492-1420	NOTES 2 (A)	4.15	5.90	4.25	5.90	PURE TIN
67492-1421	NOTES 2 (B)					
67492-1422	NOTES 2 (C)					
67492-1423	NOTES 2 (D)					
67492-1320	NOTES 2 (A)	3.50	5.25	3.60	5.25	
67492-1321	NOTES 2 (B)					
67492-1322	NOTES 2 (C)					
67492-1323	NOTES 2 (D)					
67492-1120	NOTES 2 (A)	1.80	3.55	1.90	3.55	
67492-1121	NOTES 2 (B)					
67492-1122	NOTES 2 (C)					
67492-1123	NOTES 2 (D)					
67492-9220	NOTES 2 (A)	4.99	6.74	5.09	6.74	
67492-9221	NOTES 2 (B)					
67492-9222	NOTES 2 (C)					
67492-9223	NOTES 2 (D)					
67492-0221	NOTES 2 (B)	4.99	6.74	5.09	6.74	TIN-LEAD
67492-0222	NOTES 2 (C)					
67492-0223	NOTES 2 (D)					

RTM  
 EC NO: SH2005-0131  
 DPM/MBLI  
 CHKD: 2005/04/12  
 APPR: TYAP  
 2005/04/12

QUALITY SYMBOLS  
 GENERAL TOLERANCES (UNLESS SPECIFIED)  

	mm	INCH
4 PLACES ±	---	---
3 PLACES ±	---	---
2 PLACES ±	0.15	---
1 PLACE ±	0.25	---

 ANGULAR ± 3°  
 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE  
 MM ONLY  
 DRAWN BY GRATE MA  
 DATE 2003/10/10  
 CHECKED BY  
 DATE  
 YAJUN 2003/10/10  
 APPROVED BY SAM  
 DATE 2003/10/10  
 MATERIAL NO.  
 SEE TABLE

SCALE 2:1  
 DESIGN UNITS METRIC  
 THIRD ANGLE PROJECTION  
 TITLE SATA HOST RECEPTACLE R/A SMT TYPE  
 MOLEX INCORPORATED  
 DOCUMENT NO. SD-67492-001  
 SHEET NO. 1 OF 1