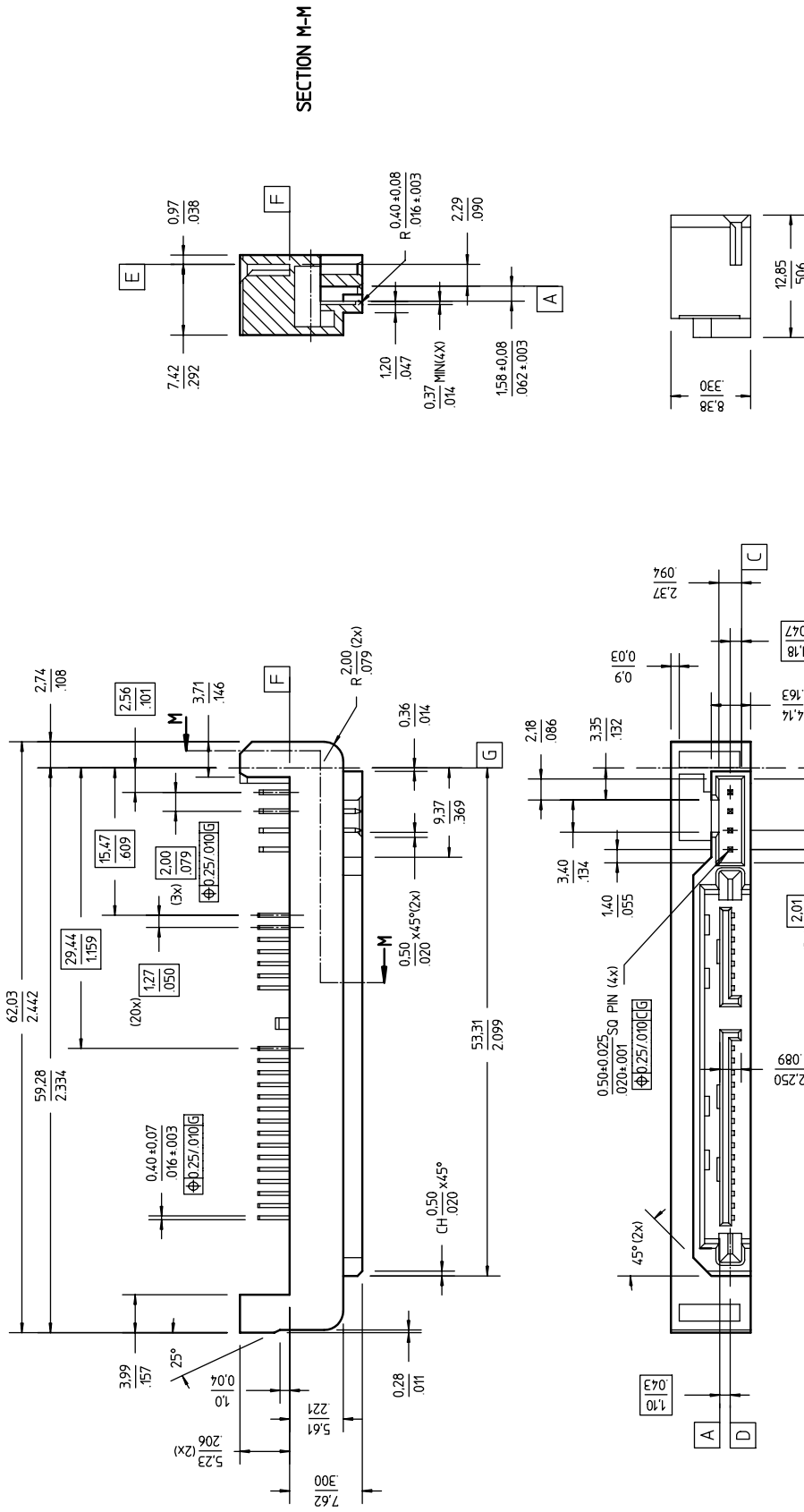


PRODUCT NO	SEAGATE PART NO
10053668-001LF	100361017
10053668-002LF	100504880



mat'l. code		surface	tolerance	projection	product family	SATA PLUG
ISO 1302	ISO 406 ISO 1101	ISO 1302	ISO 406 ISO 1101	mm	title	SATA COMBO PLUG
tolerances unless otherwise specified	xx ± 0.25	linear	xx ± 0.13	scale	15:1	
angles	3°	linear	xx ± 0.05			
dr	R. CRASTA 2005-09-22	engr	R. CRASTA 2008-04-22			
chr	R. CRASTA 2008-04-22	chr	R. CRASTA 2008-04-22			
appd	JOEY NG 2008-04-22	appd	JOEY NG 2008-04-22			
sheet	revision					
index	sheet					

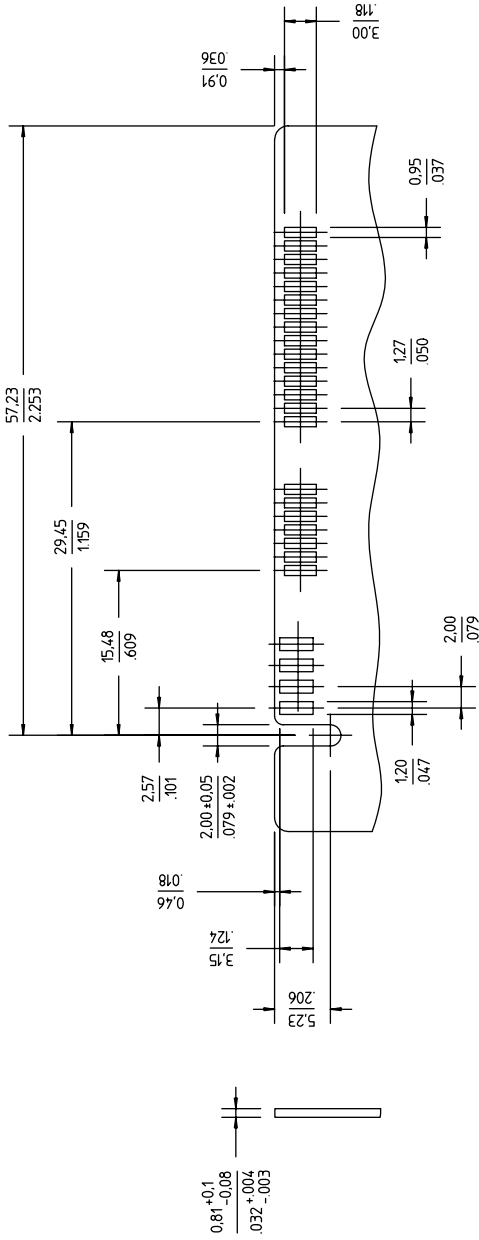


dwg no 10053668  
sheet 1 of 4 size A4  
CUSTOMER Drawing





PRODUCT NO  
SEE TABLE



RECOMMENDED PCB LAYOUT

NOTES :

- 1 MATERIAL  
HOUSING : 30% GLASS FILLED LCP BLACK, UL 94V-0  
CONTACT PIN : BRASS C2680 R-H
- 2 FINISH :  
A: SATA SIGNAL & POWER PINS: 127µM/50µ" MIN NICKEL  
UNDERPLATING WITH 0.38µM/15µ" GOLD IN CONTACT AREA  
B: SQUARE PINS: 127µM/50µ" MIN NICKEL UNDERPLATE  
WITH 0.12µM/5µ" GOLD FLASH IN CONTACT AREA  
C: SOLDER TAIL: 191µM/75µ" MIN LEAD FREE (100%) MATTE TIN  
PIN RETENTION FORCE: 1.2 LBS MIN PER PIN BEFORE AND AFTER  
EXPOSURE TO REFLOW (245°C) TEMPERATURE.
- 4 CRITICAL DIMENSIONS; SPC REQUIRED
- 5 PACKAGING: CLEAR ANTISTATIC CARTRIDGE TUBE
- 6 THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER  
COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
- 7 THIS HOUSING WILL WITHSTAND EXPOSURE TO 260°C TEMPERATURE FOR  
10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN

mat'l. code		surface		tolerance		projection		product family	
itr	ec'n no	dr	date	ISO 1302	ISO 406	ISO 1101	mm	title	SATA PLUG
D				tolerances unless otherwise specified			mm	SATA COMBO PLUG	
				angles	linear		scale 15:1		
				dr	R. CRASTA	2005-09-22			
				engr	R. CRASTA	2008-04-22			
				chr	R. CRASTA	2008-04-22			
				appd	JOEY NG	2008-04-22			
sheet	revision							dwg no	10053668
index	sheet							type	CUSTOMER Drawing
								sheet 4 of 4 size	A4