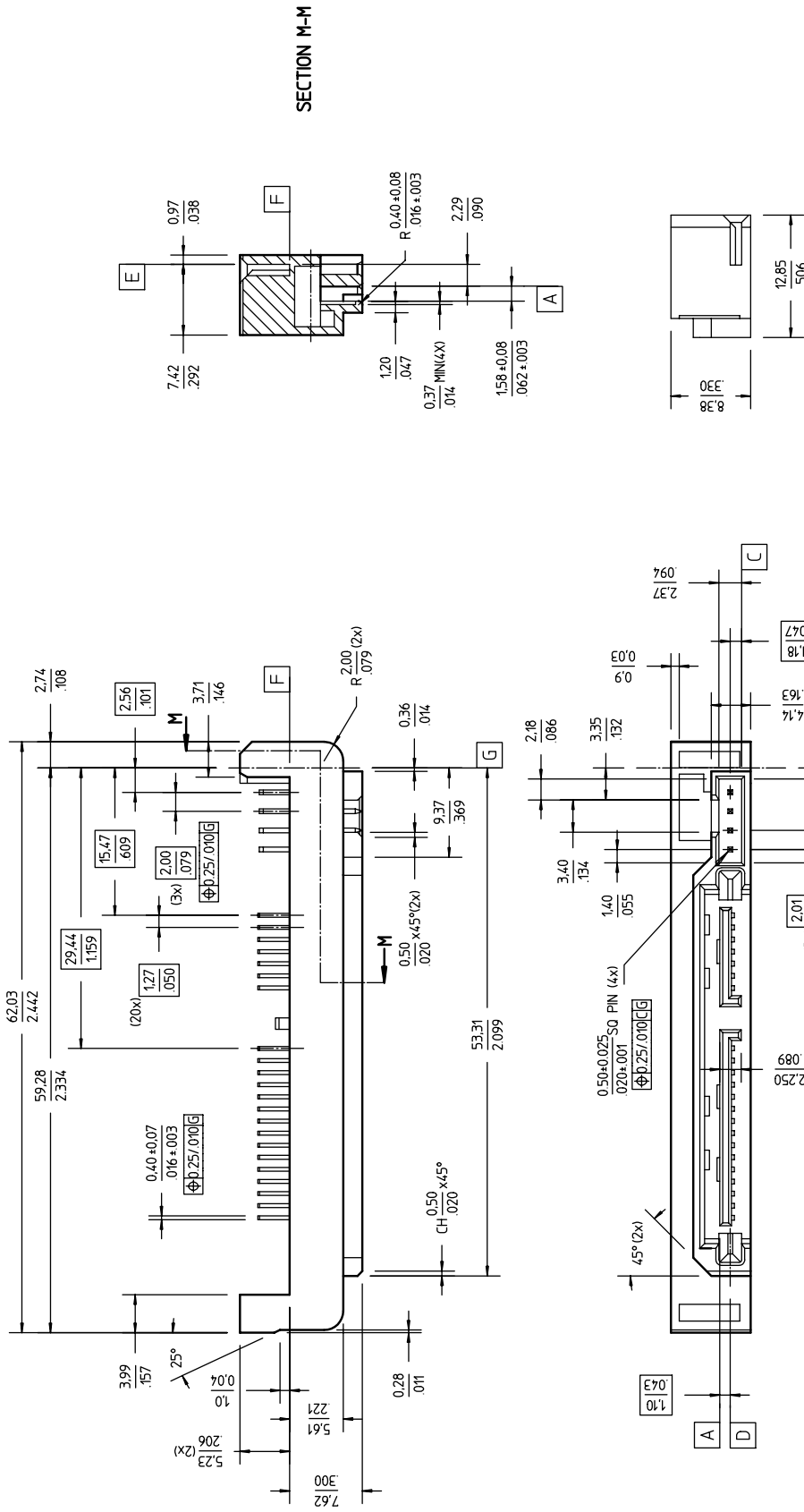
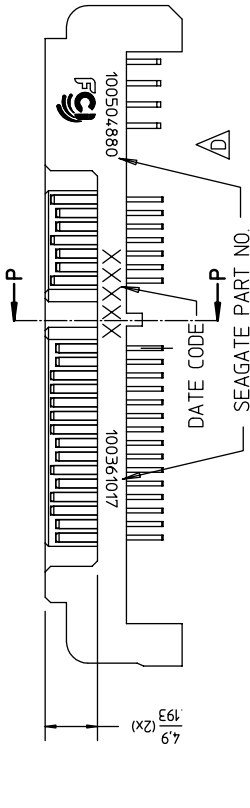


PRODUCT NO	SEAGATE PART NO
10053668-001LF	100361017
10053668-002LF	100504880



mat'l. code		surface		tolerance		projection		product family	
ltr	ec'n no	df	date	ISO 1302	ISO 406 ISO 1101	ISO 15:1	mm	title	SATA PLUG
A	S05-0342	R.C.	22NOV 05	tolerances unless otherwise specified	xx ± 0.25	xx ± 0.13	mm	SATA COMBO PLUG	
B	S06-083	R.C.	25MAY 06	angles	x.xxx ± 0.05		scale		
C	S08-011	R.C.	2008-04-11	3°					
D	S08-026	R.C.	2008-04-22	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 1 of 4 size	A4

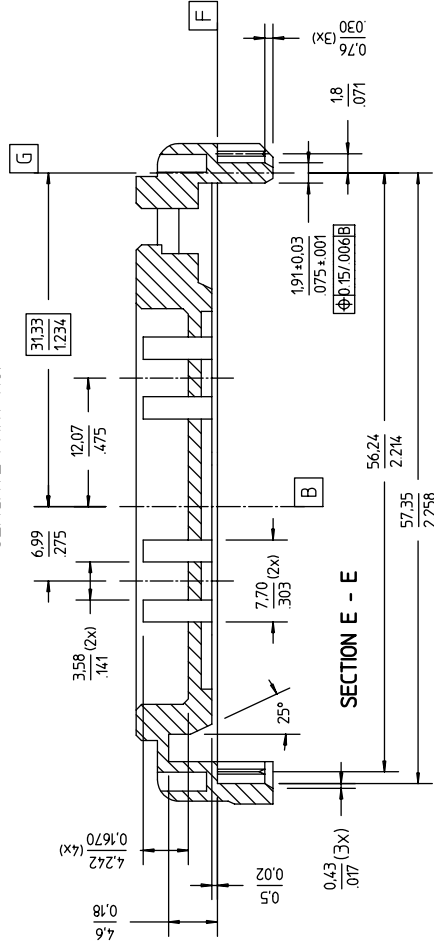
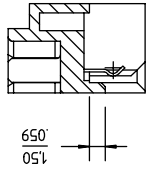
PRODUCT NO  
SEE TABLE



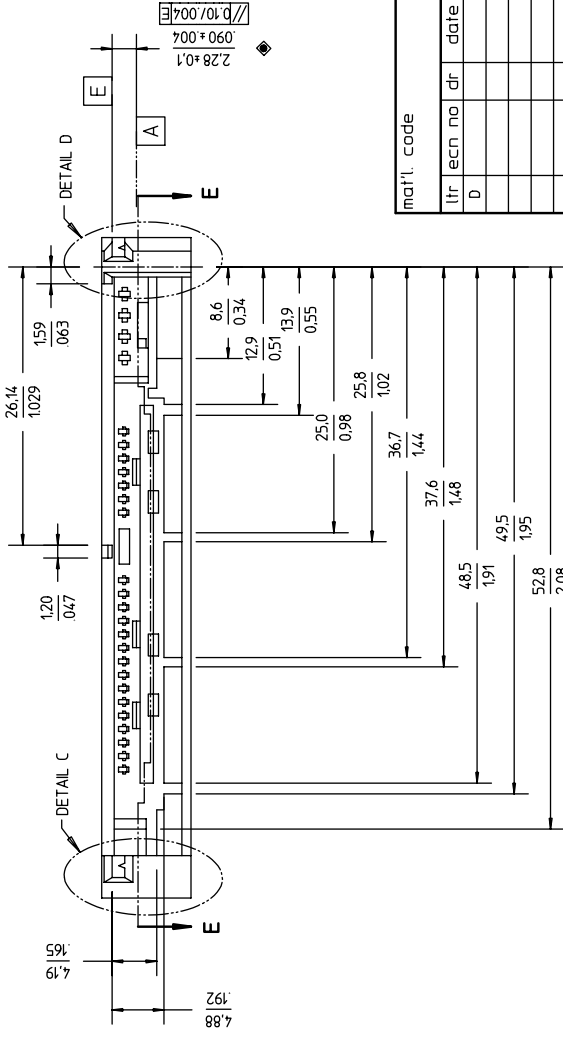
DATE CODE

SEAGATE PART NO.

SEC P-P

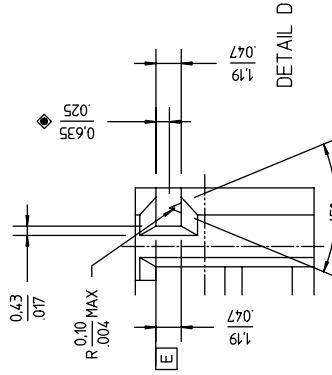
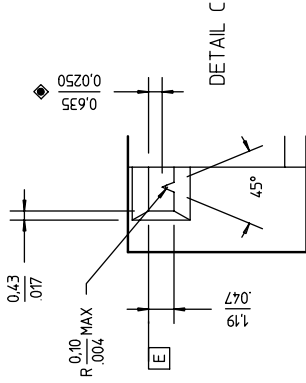


SECTION E - E



DETAIL C

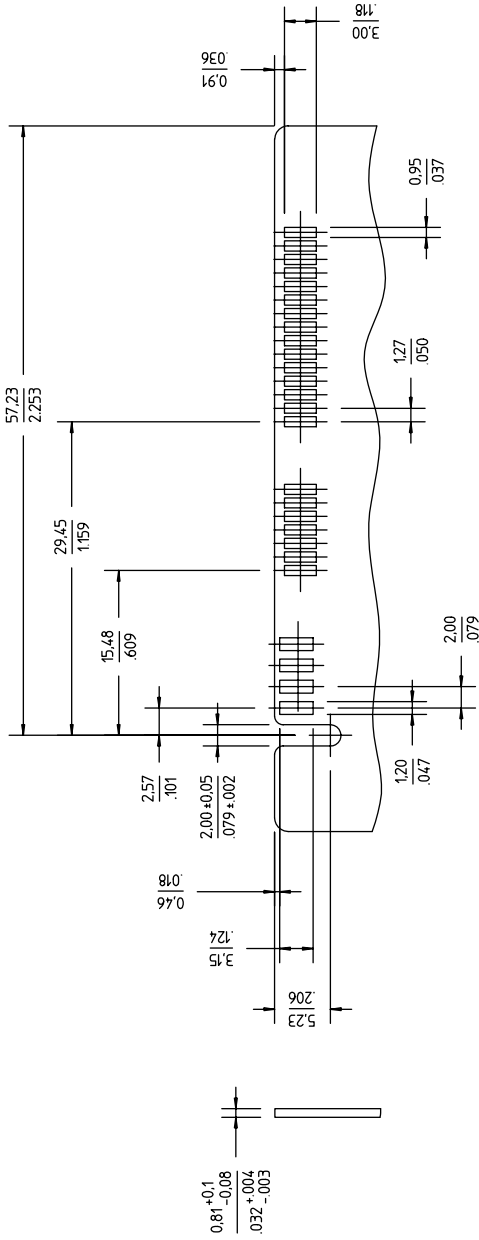
DETAIL D



mat'l. code		surface		tolerance		projection		product family	
itr	ecn no	dr	date	ISO 1302	ISO 406 ISO 1101	mm		SATA PLUG	
D				tolerances unless otherwise specified		scale 15:1		SATA COMBO PLUG	
				angles	linear			title	
sheet	revision			dr	R. CRASTA	2005-09-22		dwg no	
index	sheet			engr	R. CRASTA	2008-04-22		10053668	
				chr	R. CRASTA	2008-04-22		sheet 2 of 4 size	
				appd	JOEY NG	2008-04-22		A4	
								type	
								CUSTOMER	
								Drawing	



PRODUCT NO  
SEE TABLE



RECOMMENDED PCB LAYOUT

NOTES :

- MATERIAL  
HOUSING : 30% GLASS FILLED LCP BLACK, UL 94V-0  
CONTACT PIN : BRASS C2680 R-H
- FINISH :  
A: SATA SIGNAL & POWER PINS: 127UM/50u\* MIN NICKEL  
UNDERPLATING WITH 0.38UM/15u\* GOLD IN CONTACT AREA  
B: SQUARE PINS: 127UM/50u\* MIN NICKEL UNDERPLATE  
WITH 0.12UM/5u\* GOLD FLASH IN CONTACT AREA  
C: SOLDER TAIL: 19UM/75u\* MIN LEAD FREE (100%) MATTIE TIN  
PIN RETENTION FORCE: 1.2 LBS MIN PER PIN BEFORE AND AFTER  
EXPOSURE TO REFLOW (245°C) TEMPERATURE.
- ◆ CRITICAL DIMENSIONS; SPC REQUIRED
- PACKAGING: CLEAR ANTISTATIC CARTRIDGE TUBE
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER  
COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
- 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	sheet						dwg no	10053668
index	sheet							type	CUSTOMER Drawing
								sheet 4 of 4 size	A4