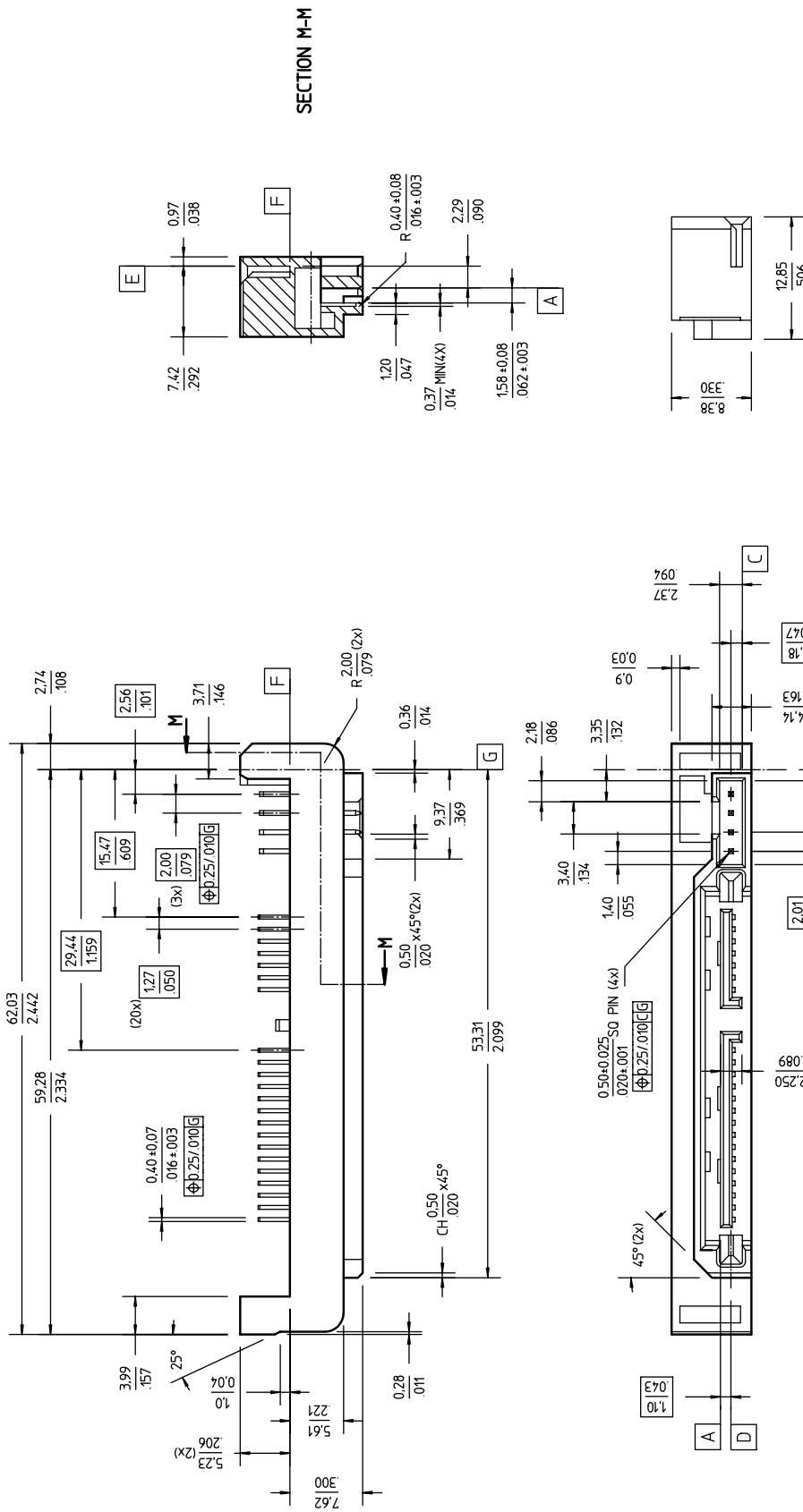


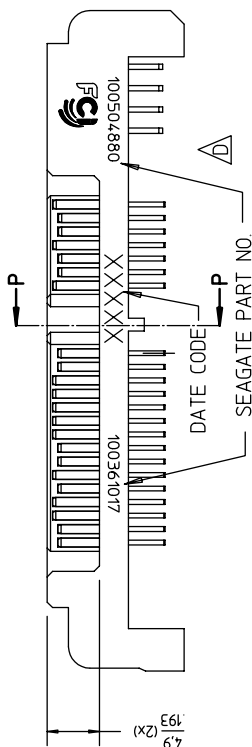
PRODUCT NO	SEAGATE PART NO
10053668-001LF	100361017
10053668-002LF	100504880



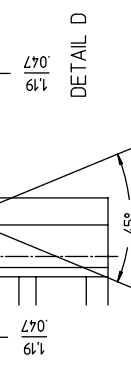
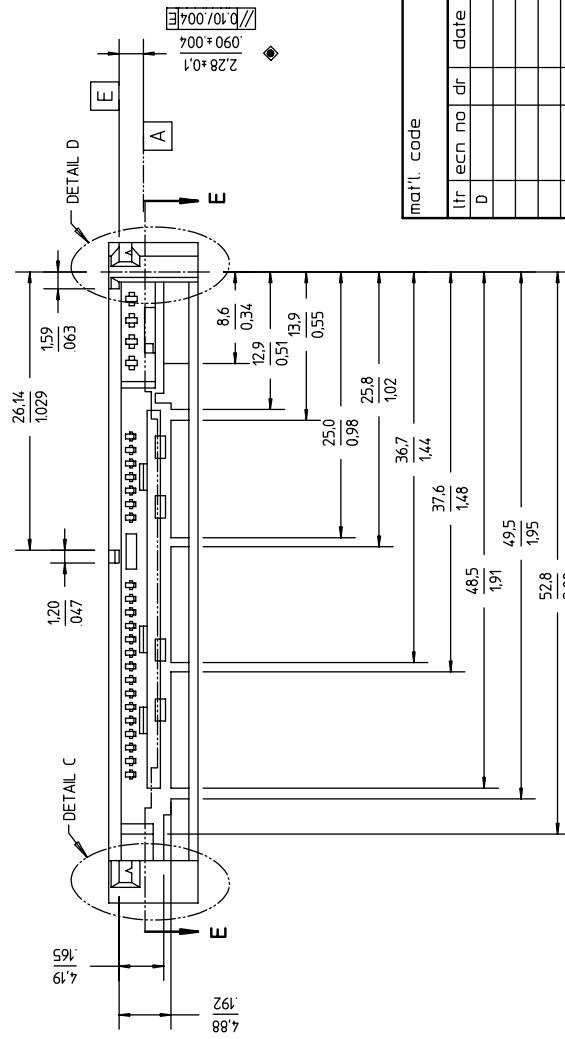
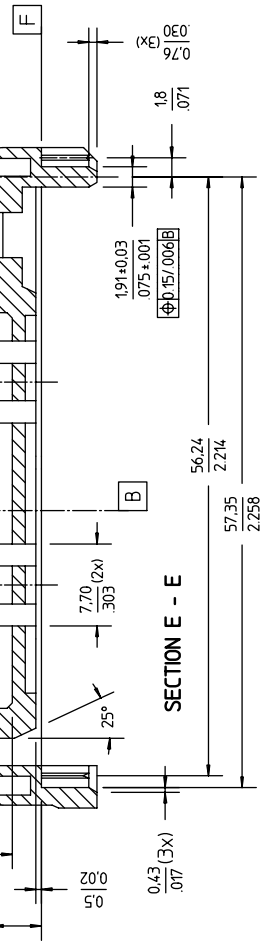
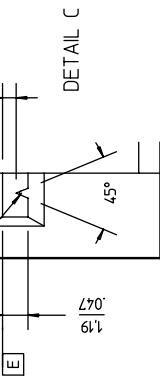
mat'l. code				surface	tolerance	projection	product family	SATA PLUG
ltr	ec'n no	dr	date	ISO 1302	ISO 406 ISO 1101	mm	title	
A	S05-0342	R.C.	22NOV 05	tolerances unless otherwise specified	xx ± 0.25	mm	SATA COMBO PLUG	
B	S06-083	R.C.	25MAY 06	angles	xxx ± 0.13	mm		
C	S08-011	R.C.	2008-04-11	3°	xxxx ± 0.05	scale 15:1		
D	S08-026	R.C.	2008-04-22	engr	R. CRASTA 2005-09-22		dwg no	10053668
				chr	R. CRASTA 2008-04-22		sheet 1 of 4 size	A4
				appd	JOEY NG 2008-04-22		type	CUSTOMER Drawing
sheet	revision							
index	sheet							

PRODUCT NO

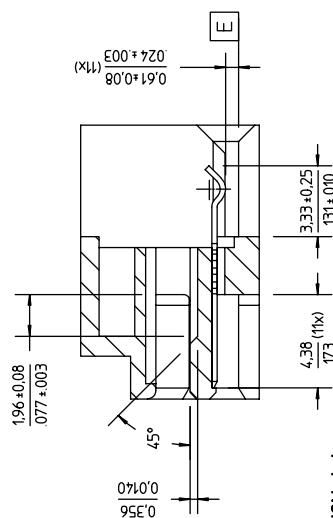
SEE TABLE



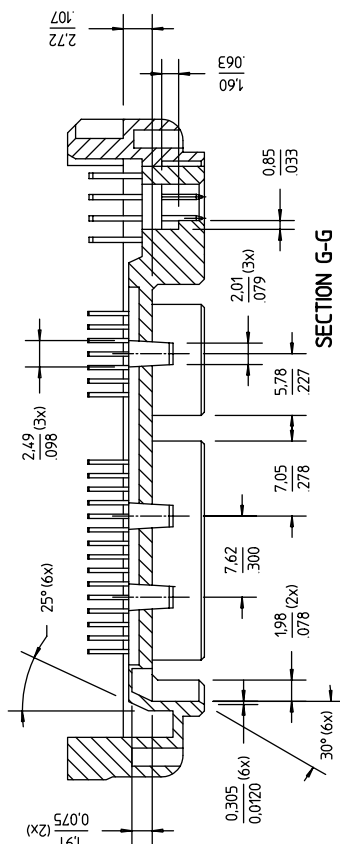
SEC P-P



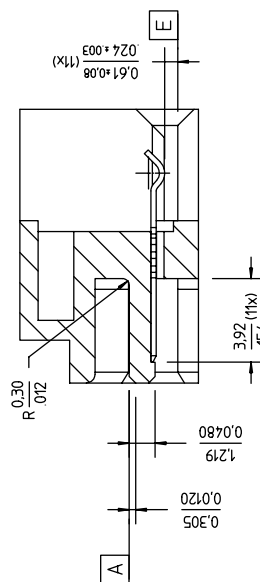
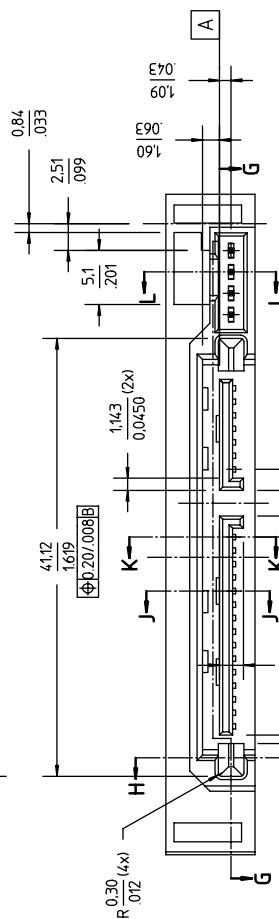
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ltr	ecm no	dr	date	tolerances unless otherwise specified						title		SATA COMBO PLUG	
D				angles		linear		scale 15:1					
				dr		R. CRASTA		2005-09-22		dwg no			
				engr		R. CRASTA		2008-04-22		10053668		A4	
				chr		R. CRASTA		2008-04-22					
				appd		JOEY NG		2008-04-22				type	
sheet	revision												
index	sheet												



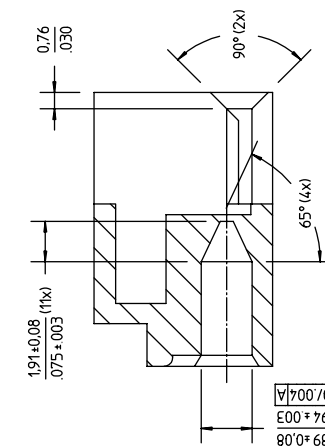
SECTION J-J



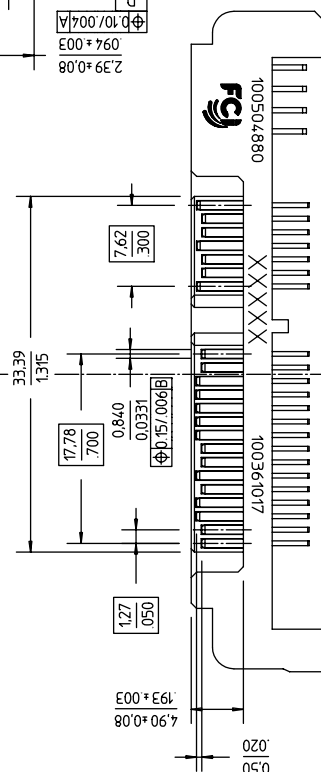
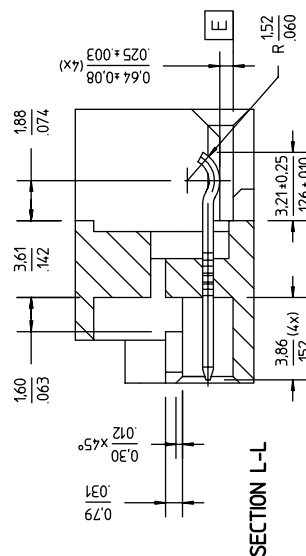
SECTION G-G



SECTION K-K



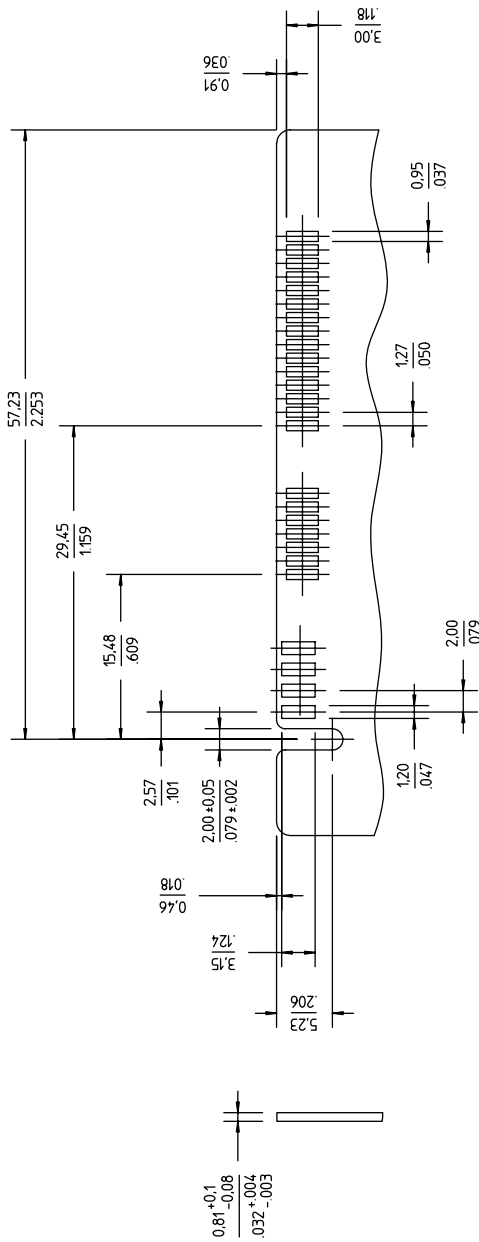
SECTION H-H



mat'l. code				surface		tolerance		projection		product family		SATA PLUG	
ltr	ecn	no	dr	date	ISO 902	ISO 406	ISO 101			title			
D					tolerances unless otherwise specified						SATA COMBO PLUG		
					angles	linear		mm					
								scale 15:1					
					dr	R. CRASTA		2005-09-22		dwg no		sheet 3 of 4	
					engr	R. CRASTA		2008-04-22		10053668		A4	
					chr	R. CRASTA		2008-04-22					
					appd	JOEY NG		2008-04-22		type		CUSTOMER Drawing	
sheet	revision												
index	sheet												
				4					5	6			

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: 12 LBS MIN PER PIN BEFORE AND AFTER
EXPOSURE TO REFLOW (245°C) TEMPERATURE.
◆ 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	SATA PLUG
ltr	ecn no	dr	ISO 1302	ISO 406 ISO 1101			
D			tolerances unless otherwise specified			title	SATA COMBO PLUG
			angles				
			linear		mm		
					scale 15:1		
			dr	R. CRASTA	2005-09-22	dwg no	sheet 4 of 4
			engr	R. CRASTA	2008-04-22	10053668	A4
			chr	R. CRASTA	2008-04-22		
			appd	JOEY NG	2008-04-22	type	CUSTOMER
sheet	revision						Drawing
index	sheet						