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 form A4

mat'l. code		surface		tolerance		projection		product family	
		ISO 1302		ISO 406 ISO 1101		mm		S-ATA	
lfr	ecn no	dr	date	tolerances unless otherwise specified		mm		title	
A	S04-0027	GLL	2004-02-27	angles	linear	= +0.20		S-ATA COMB RECEP	
B	S04-0078	GLL	2004-04-28	± 2°		scale 2:1		VERTICAL SMT TYPE ASSY	
C	S05-0035	GLL	2005-02-07					dwg no	
D	S05-0359	GLL	2005-12-07	dr	GL L00	2004-02-27		sheet 1 of 2 size	
E	S06-0188	GLL	2006-05-30	enrg	GL L00	2004-02-27		10029065	
F	S09-0141	GLL	2009-05-04	chr	GL L00	2009-09-04		A4	
G	S09-0276	GLL	2009-09-04	appd	JOEY NG	2009-09-04		type	
sheet	revision	G	G					CUSTOMER Drawing	
index	sheet	1	2						

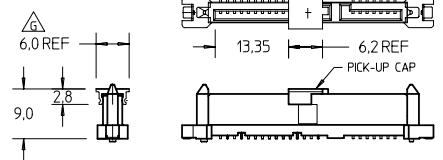
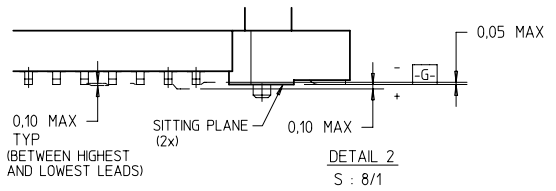
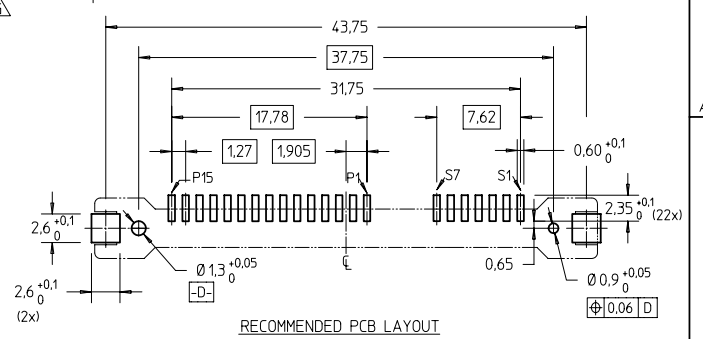
PDM: Rev:G STATUS:Released 10029065C:revG Printed: Apr 08, 2010

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PRODUCT NO	PLATING	PICK-UP CAP	PACKAGING	REMARKS	PRODUCT NO	PLATING
10029065-001LF	NOTE 3	NO	TRAY	-	10029065-401LF	NOTE 11
10029065-001CLF		YES		SEE NOTE ④	10029065-401CLF	
10029065-001C-TRLF		YES	TAPE & REEL	SEE NOTE ⑨	10029065-401C-TRLF	

**NOTES:**

- 1 THIS PRODUCT MEETS THE SATA SPEC REV. 10a
- 2 MATERIAL:
  - 1) HOUSING : HIGH TEMP TERMOPLASTIC, UL 94V-0  
COLOR : BLACK
  - 2) TERMINAL : COPPER ALLOY
  - 3) HOLD DOWN : COPPER ALLOY
- ③ FINISH :
  - 1) TERMINAL : 30u" Au PLATING (CONTACT POINT) OVER 50u" NICKEL
  - 2) SOLDER TAIL : 50u" min Sn OVER 50u" NICKEL
  - 3) HOLD DOWN : 50u" min Sn OVER 50u" NICKEL
- ④ PART WITH PICK-UP CAP, P/N XXXXXXXX-XXXX LF
- ⑤ THE STD PACKAGING IS IN TRAY UNLESS OTHERWISE SPECIFIED.
- 6 THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- ⑦ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- ⑧ PART NUMBERS ENDING IN 'LF' MEANS FOR NOTE 7 LEAD FREE IDENTIFICATION
  - ⊕ P/N XXXXXXXX-XXXXLF IS EQUIVALENT TO PREVIOUS P/N XXXXXXXX-XXX
  - ⊖ P/N XXXXXXXX-XXXXCLF IS EQUIVALENT TO PREVIOUS P/N XXXXXXXX-XXXX
- ⑨ FOR TAPE & REEL PACKAGING, SUFFIX '-TR' ADDED.  
P/N XXXXXXXX-XXXX-TR LF
- ⑩ A  $\Delta$  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION
- ⑪ FINISH:
  - 1) TERMINAL : 15u" GXT PLATING (CONTACT POINT) OVER 50u" NICKEL
  - 2) SOLDER TAIL : 50u" min Sn OVER 50u" NICKEL
  - 3) HOLD DOWN : 50u" min Sn OVER 50u" NICKEL



PART WITH PICK-UP CAP, SEE NOTE ④

mat'l. code	surface	tolerance	projection	product family
ISO 1302	ISO 406 ISO 1101	mm	S-ATA	
tr	ecn no	dr	date	title
G				S-ATA COMB RECEP VERTICAL SMT TYPE ASSY
tolerances unless otherwise specified				dwg no
angles	linear	= +0.20		10029065
± 2°		scale 2:1		sheet 2 of 2 size
dr	QL L00	2004-02-27	FCJ	A4
enrg	QL L00	2004-02-27		type
chr	QL L00	2009-09-04		CUSTOMER
appd	JOEY NG	2009-09-04		Drawing
sheet	revision	sheet	1	
index				