

CONNECTOR ASSY

PARTS TABLE 部品表

No.	Part name 部品名	QTY.	Note 備考
⑤	HOUSING ハウジング	1	HIGH TEMP THERMOPLASTIC COLOR : BLACK , UL94V-0
⑥	SIGNAL CONTACT シグナルコンタクト	7	COPPER ALLOY CONTACT AREA : Au SOLDERING AREA : Au or TIN
⑦	POWER CONTACT パワーコンタクト	6	COPPER ALLOY CONTACT AREA : Au SOLDERING AREA : Au or TIN
⑧	SOLDER PEG (CENTER) 補強金具 (中央部)	1	COPPER ALLOY TIN PLATING
⑨	SOLDER PEG (L&R) 補強金具 (左、右)	2	COPPER ALLOY TIN PLATING

<P/N composition> <P/N 構成>

10085305 - X X X X X LF

- LEAD-FREE
- PACKAGE SPEC
- E : 56mm WIDTH TAPE AND REEL (EMBOSS ASSY)
- PE : 44mm WIDTH TAPE AND REEL (EMBOSS ASSY)
- T : TRAY (TRAY ASSY)
- A : CONNECTOR ASSY (NOT PACKAGE)
- CONTACT TAIL LENGTH (DIM C)
- 0 : 1.0mm
- 1 : 0.7mm
- SIGNAL CONTACT TAIL WIDTH (DIM B)
- 0 : 0.35mm
- 1 : 0.40mm
- HSG BOSS LENGTH (DIM A)
- 0 : 1.0mm
- 1 : 0.7mm
- 9 : 0mm (WITHOUT BOSS)
- CONTACT PLATING (CONTACT AREA / SOLDERING AREA)
- 0 : GOLD FLASH (0.05 μ m) / TIN PLATING
- 1 : 0.38 μ m GOLD PLATING / TIN PLATING
- 2 : 0.76 μ m GOLD PLATING / TIN PLATING
- 3 : GOLD FLASH (0.05 μ m) / GOLD FLASH (0.05 μ m)
- 4 : 0.76 μ m GOLD PLATING / GOLD FLASH (0.05 μ m)

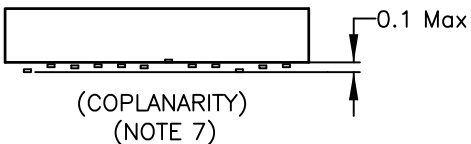
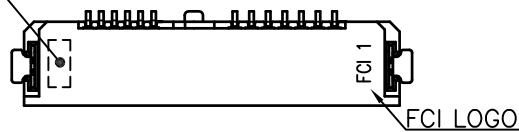
NOTE

- MATERIAL : SEE TABLE
- FINISH : SEE TABLE AND P/N COMPOSITION TABLE
- COPLANARITY : 0.1 MAX. (CONTACT AND SOLDER PEG)
- DATE CODE MARK : YY/MM/DD/XX XX IS USED TO MARK CONTACT PLATING SPEC.
"05" : FLASH, "15" : 15 μ , "30" : 30 μ

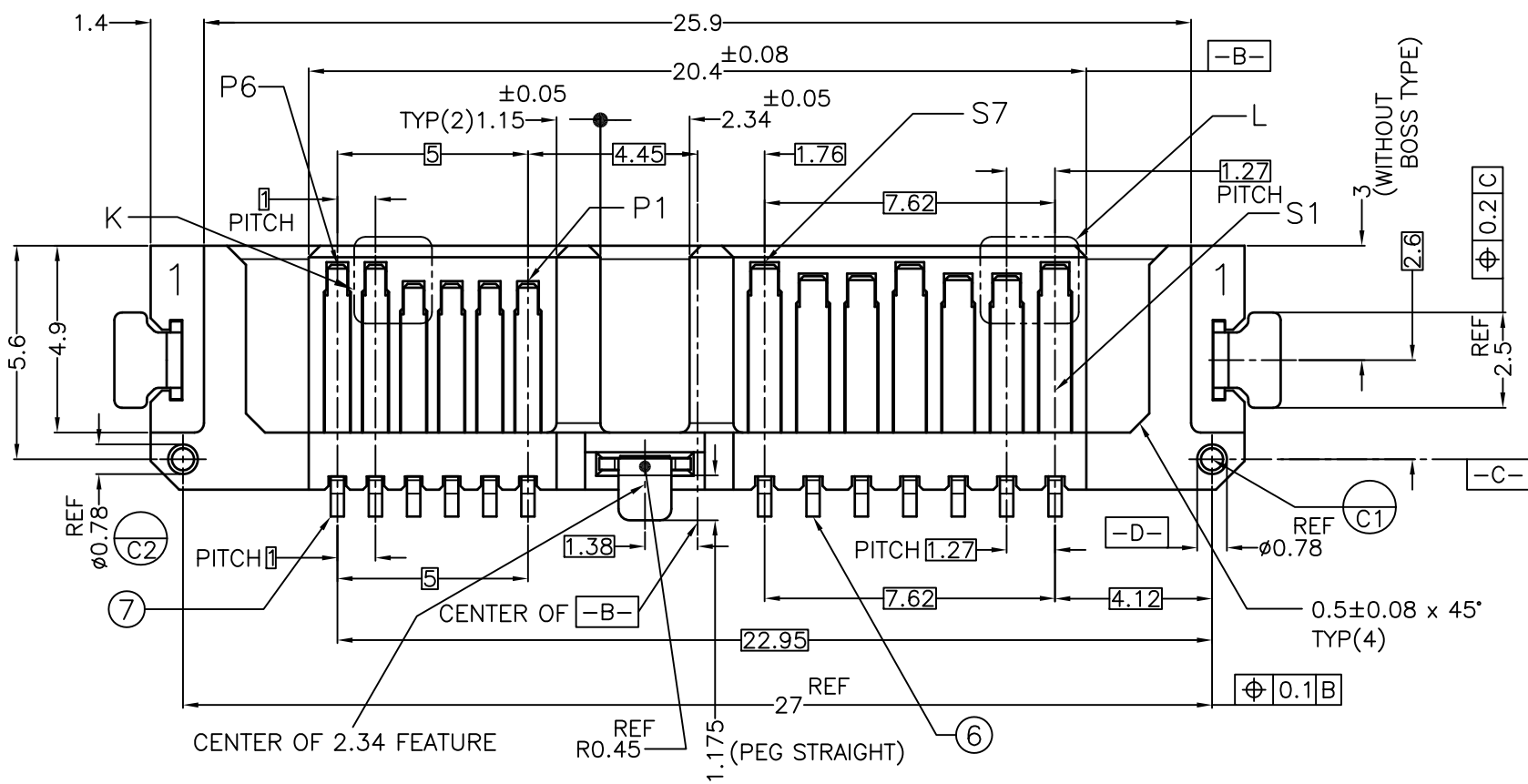
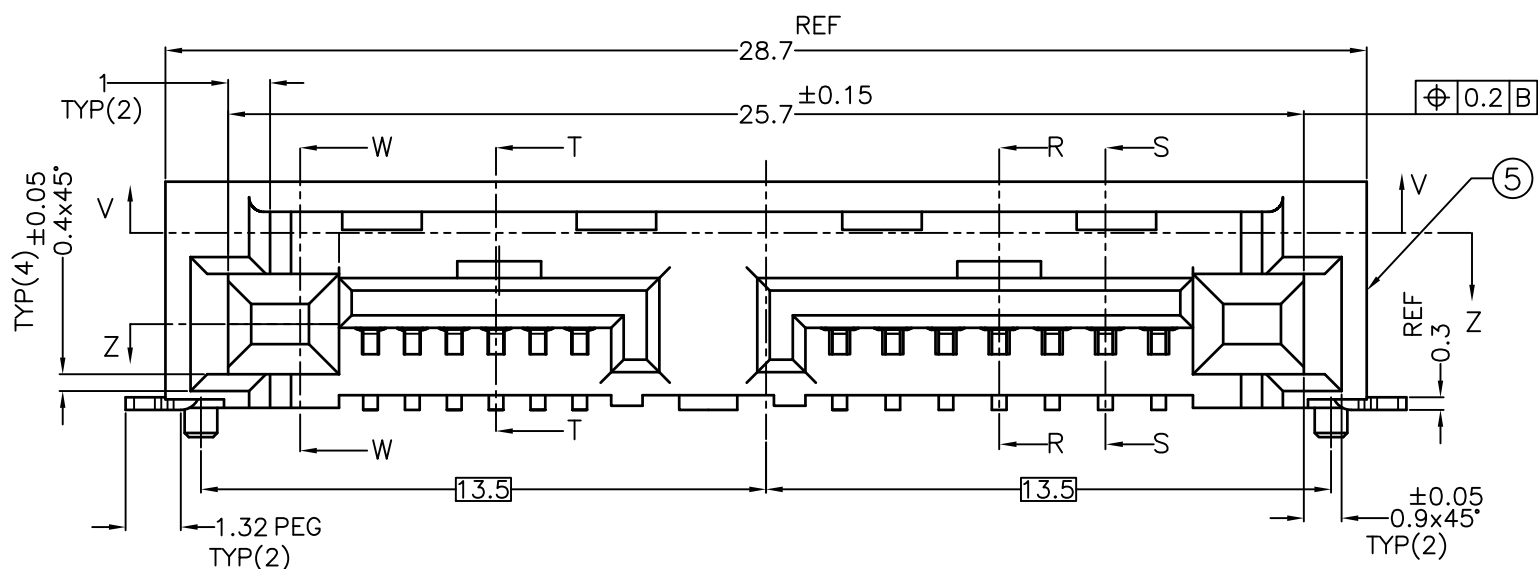
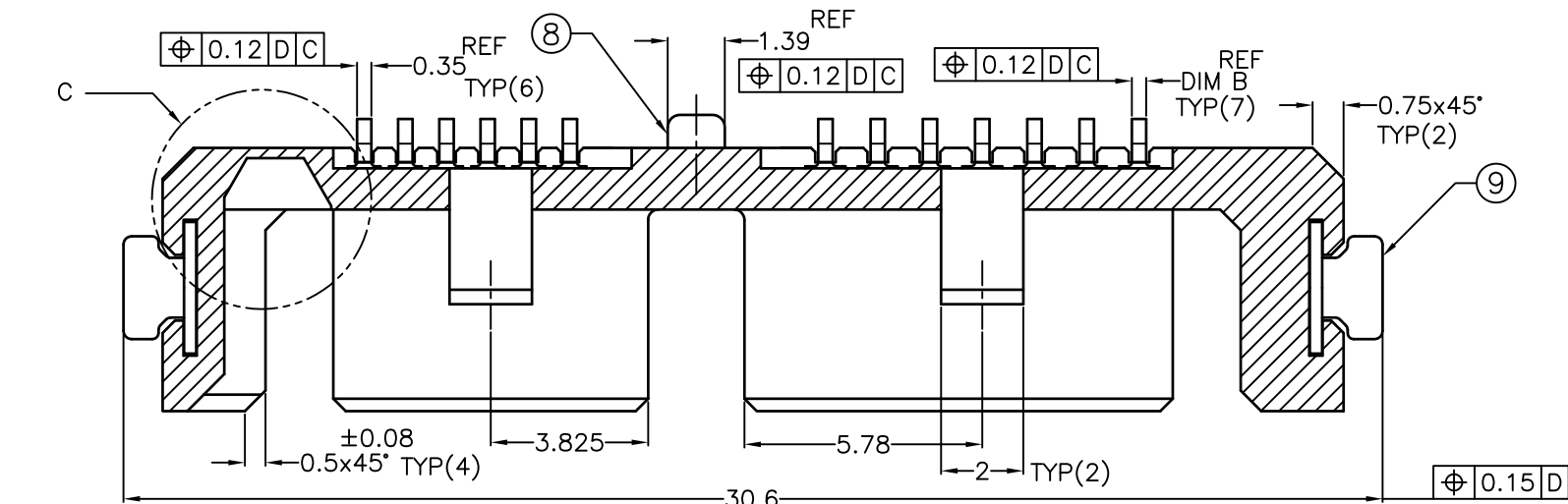
注記

- 材料 : 表参照
- めっき : 表及び型番構成参照
- コプラナリティ : 0.1以下 (端子、金具)
- デットコード刻印 : YY/MM/DD/XX XXはコンタクトのめっきの種類
"05" : FLASH, "15" : 15 μ , "30" : 30 μ

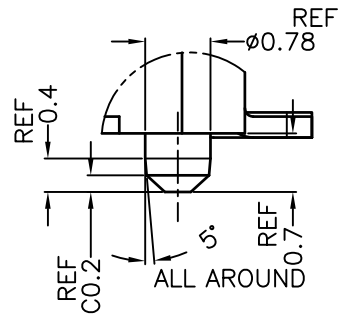
DATE CODE
(NOTE8)



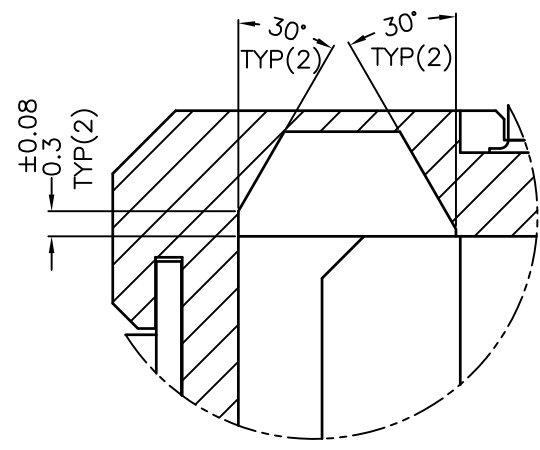
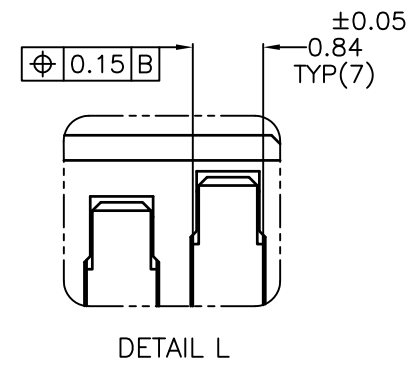
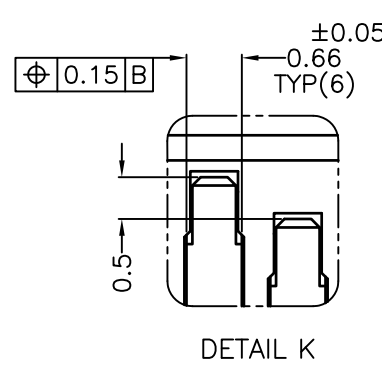
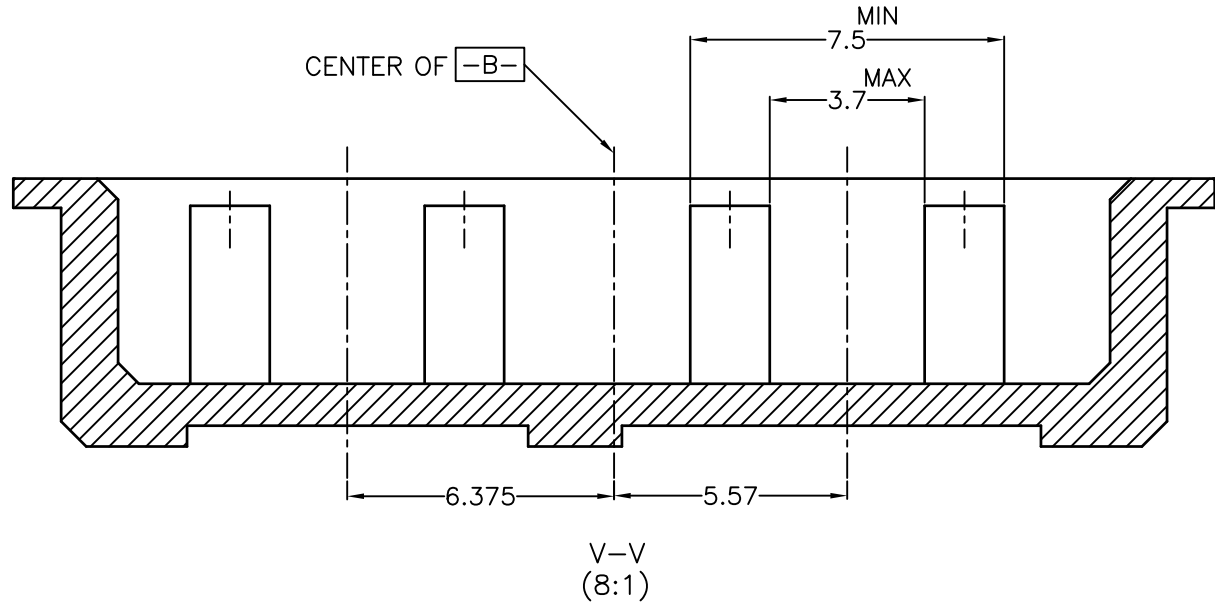
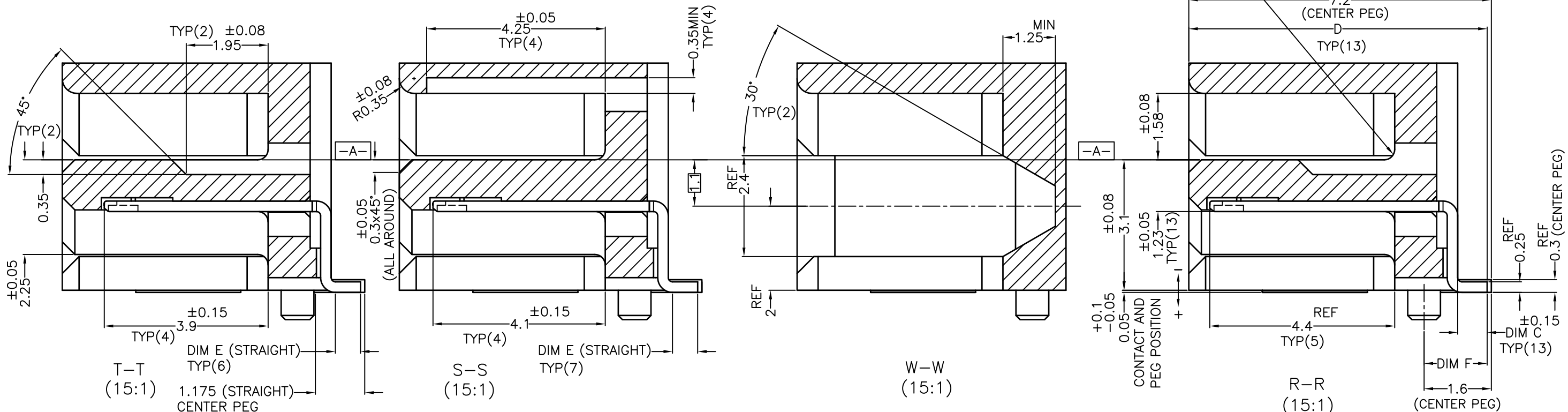
mat'l. code					surface	tolerance	projection	product family	CODE
---					ISO 1302	ISO 406	ISO 1101	530F SATA PLUG SLIM LINE	JP
ltr	description	ecn no	dr	date	tolerances unless otherwise specified	linear	mm	SLIM LINE SATA 7+6P PLUG STANDARD, R/A SMT	
A	RELEASED	J08-0078	N.S	2008-2-28	angles	0.X	±0.2		
G	REVISED	J09-0087	N.S	2009-3-6	±2°	0.XX	±0.2	scale 8:1	
H	REVISED	J09-0134	N.S	2009-4-13	dr	N.SASAME	2012-04-19		
J	REVISED	J09-0225	N.S	2009-6-10	engr	N.SASAME	2012-04-19		
K	REVISED	J09-0425	N.S	2010-1-27	chr	AP.LIM	2012-04-19		
L	REVISED	ELX-J-011347	N.S	2012-04-19	appd	M.KAJIURA	2012-04-19		
sheet index	revision	sheet						type	PRODUCT CUSTOMER Drawing
									Rev. L



PRODUCT NO.	CONTACT AREA PLATING	SOLDERING AREA PLATING	HSG BOSS HEIGHT (DIM A)	TAIL WIDTH (DIM B)	TAIL LENGTH (DIM C)	TAIL LENGTH (DIM D)	TAIL LENGTH (DIM E)	TAIL LENGTH (DIM F)
10085305-0010ALF	GOLD FLASH 0.05um[2u"] MIN	1.91um [75u"] MIN. 100% TIN	1.0mm	0.4mm	1.0mm	7.4mm	0.9mm	1.8mm
10085305-0101PALF	GOLD FLASH 0.05um[2u"] MIN	1.91um [75u"] MIN. 100% TIN	0.7mm	0.35mm	0.7mm	7.1mm	0.6mm	1.5mm
10085305-0901ALF	GOLD FLASH 0.05um[2u"] MIN	1.91um [75u"] MIN. 100% TIN	----	0.35mm	0.7mm	7.1mm	0.6mm	1.5mm
10085305-0110PALF	GOLD FLASH 0.05um[2u"] MIN	1.91um [75u"] MIN. 100% TIN	0.7mm	0.4mm	1.0mm	7.4mm	0.9mm	1.8mm
10085305-2010ALF	GOLD 0.76um[30u"] MIN	1.91um [75u"] MIN. 100% TIN	1.0mm	0.4mm	1.0mm	7.4mm	0.9mm	1.8mm
10085305-2110PALF	GOLD 0.76um[30u"] MIN	1.91um [75u"] MIN. 100% TIN	0.7mm	0.4mm	1.0mm	7.4mm	0.9mm	1.8mm
10085305-2101PALF	GOLD 0.76um[30u"] MIN	1.91um [75u"] MIN. 100% TIN	0.7mm	0.35mm	0.7mm	7.1mm	0.6mm	1.5mm
10085305-4100PALF	GOLD 0.76um[30u"] MIN	GOLD FLASH 0.05um[2u"] MIN	0.7mm	0.35mm	1.0mm	7.4mm	0.9mm	1.8mm

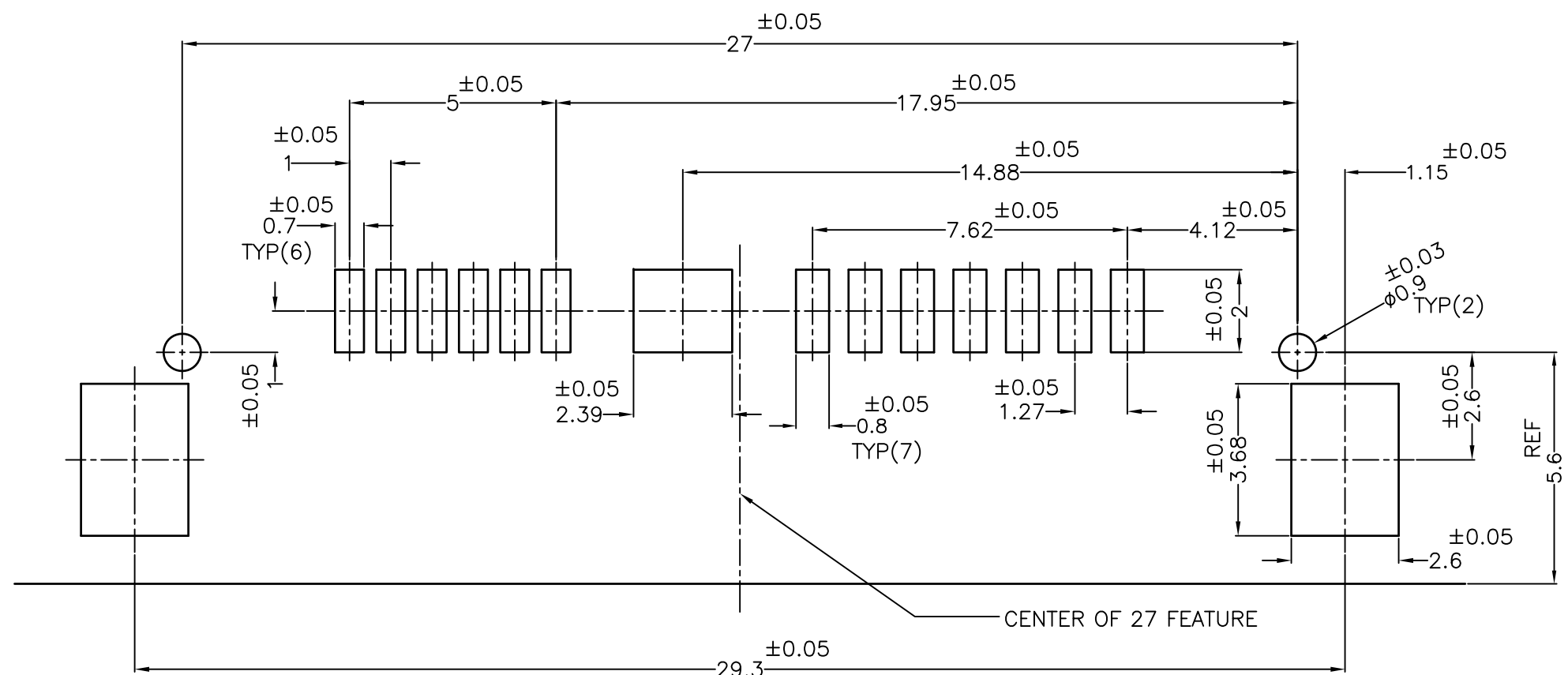


DETAIL R (2 PLACES)
APPLIED TO 10085305-*1**PALF

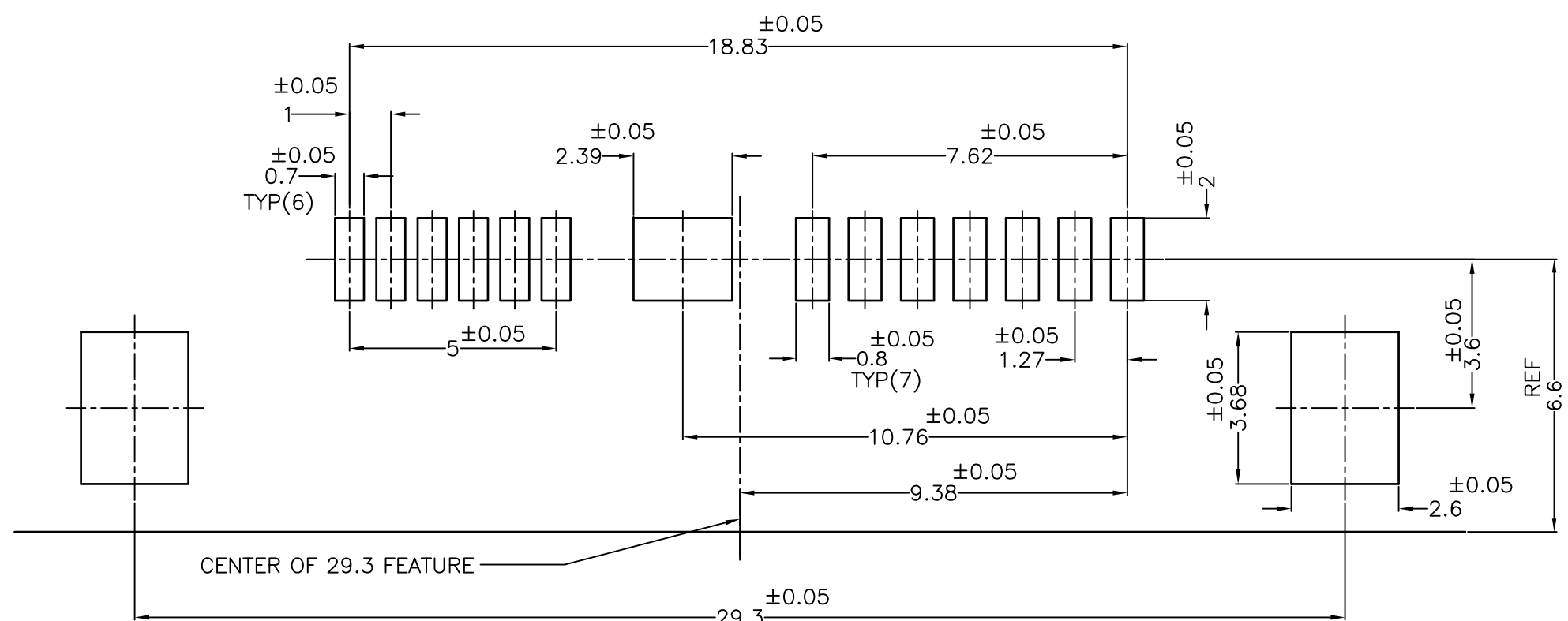


CONNECTOR ASSY

mat'l. code				surface		tolerance	projection	product family	CODE
---				ISO 1302		ISO 406	ISO 1101	530F SATA PLUG SLIM LINE	JP
ltr	description	ecn no	dr	date	tolerances unless otherwise specified	Linear	mm	title	
A	RELEASED	J08-0078	N.S	2008-2-28	angles	0.X ±0.2		SLIM LINE SATA 7+6P PLUG STANDARD, R/A SMT	
G	REVISED	J09-0087	N.S	2009-3-6	±2°	0.XX ±0.2	scale 16:1		
H	REVISED	J09-0134	N.S	2009-4-13	dr	0.XXX ±0.2			
J	REVISED	J09-0225	N.S	2009-6-10	enrg			dwg no	sheet 3 of 4 size
K	REVISED	J09-0425	N.S	2010-1-27	chr			10085305	A2
L	REVISED	ELX-J-011347	N.S	2012-04-19	appd			type	PRODUCT CUSTOMER Drawing
sheet index	revision sheet							Rev.	L



RECOMMENDED PCB PATTERN LAYOUT (WITH BOSS TYPE)



RECOMMENDED PCB PATTERN LAYOUT (WITHOUT BOSS TYPE)

mat'l. code ---					surface ISO 1302 ✓		tolerance ISO 406 ISO 1101			product family 530F SATA PLUG SLIM LINE		CODE JP
ltr	description	ecn no	dr	date	tolerances unless otherwise specified					title		
A	RELEASED	J08-0078	N.S	2008-2-28	angles	linear	0.X	±0.2		SLIM LINE SATA 7+6P PLUG		
							0.XX	±0.2		STANDARD, R/A SMT		
G	REVISED	J09-0087	N.S	2009-3-6	±2°		0.XXX	±0.2	scale 10:1			
H	REVISED	J09-0134	N.S	2009-4-13	dr	N.SASAME	2012-04-19		dwg no		sheet 4 of 4	size
J	REVISED	J09-0225	N.S	2009-6-10	engr	N.SASAME	2012-04-19		10085305		A2	
K	REVISED	J09-0425	N.S	2010-1-27	chr	AP.LIM	2012-04-19					
L	REVISED	ELX-J-011347	N.S	2012-04-19	appd	M.KAJIURA	2012-04-19					
sheet index	revision sheet									type	PRODUCT CUSTOMER	Drawing
												Rev.



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