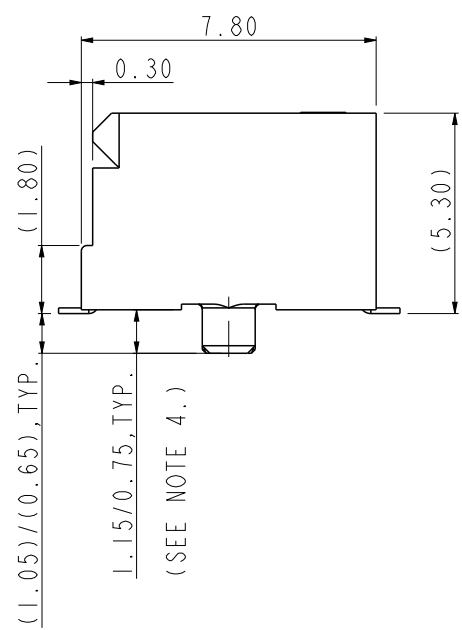
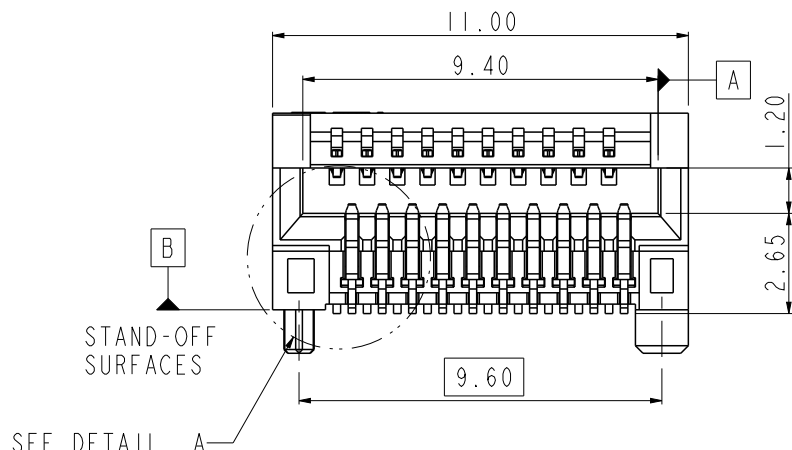
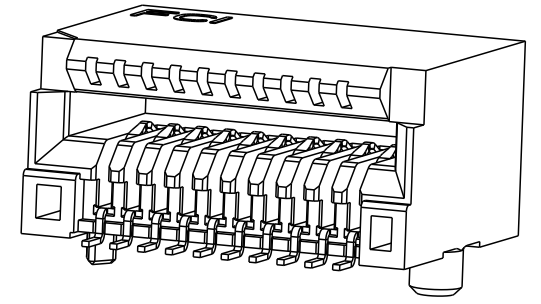
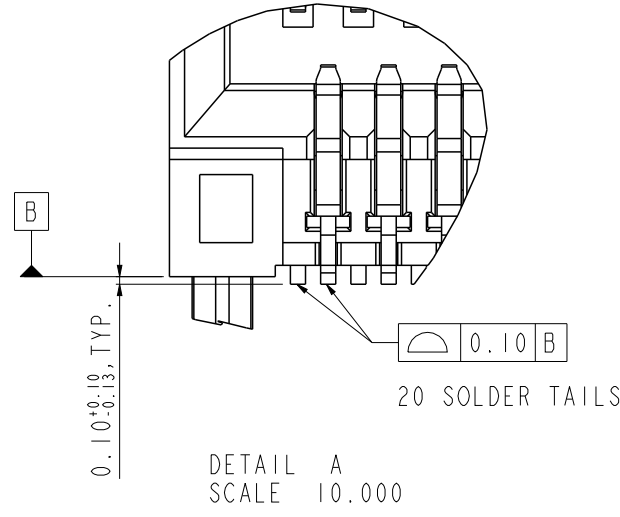
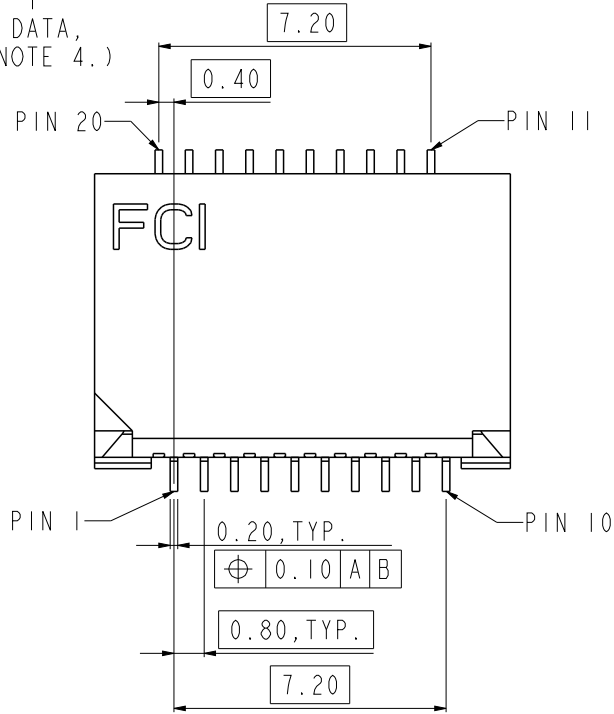


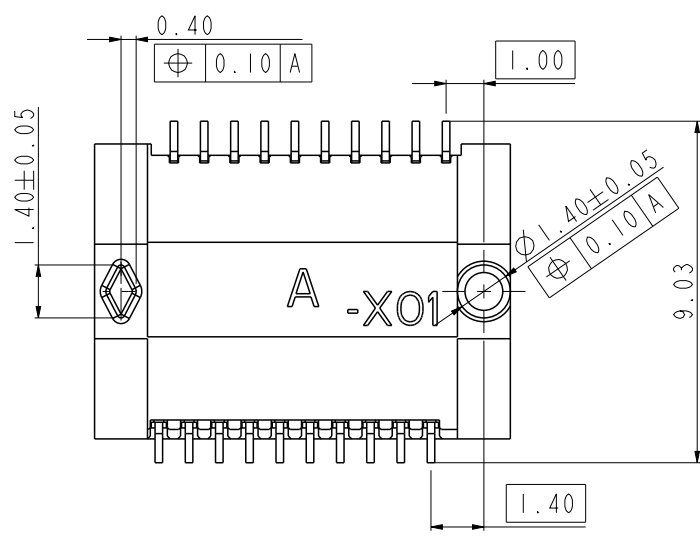


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(SYMBOLS "X" AND "Y"
DEFINES ORDERING DATA,
PLEASE REFER TO NOTE 4.)



- NOTE:
- Material:
HOUSING: HIGH TEMPERATURE LCP, BLACK
UL 94 V-0 FLAME RETARDANT.
TERMINAL: COPPER ALLOY.
PLATING SPEC AS BELOW:
FOR CONTACT AREA:
-1YILF FOR 0.76 MICROMETERS MIN. THICKNESS GOLD.
-9YILF FOR 0.76 MICROMETERS MIN. THICKNESS GXT
FOR SOLDER AREA:
MATTE PURE TIN 3 MICROMETERS MIN. FOR THREE TYPES.
FOR UNDERPLATING:
-1YILF AND -9YILF: 2.54 MICROMETERS MIN. THICKNESS NICKEL
 - PACKING SPEC. GS-14-1030
 - PRODUCT SPEC. GS-12-339.
 - PART NUMBER SCHEME: (EX. 10056847-XYILF), PLEASE FIND THE PAGE 2 FOR OPTIONS.
(SYMBOL "X" IS FOR SELECTED PLATING AND
"LF" MEANS LEAD FREE PRODUCT.
(SYMBOL "Y" IS FOR PEG LENGTH SELECTION:
"0" DEFINES FOR LENGTH=1.15mm AND "I" DEFINES FOR LENGTH=0.75mm.
 - LEAD FREE NOTES:
5a. THE HOUSING WILL WITHSTAND EXPOSURE TO 260° C PEAK TEMPERATURE
FOR 10 SECONDS IN A COVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
5b. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY
REGULATIONS AS DESCRIBED IN GS-22-008.
 - THIS CONNECTOR IS DESIGNED TO WORK WITH RAIL SYSTEM THAT ALLOW THE MODULE TO
"FLOAT" IN THE VERTICAL PLANE AND FIND EQUILIBRIUM BETWEEN THE UPPER AND LOWER
CONNECTOR ROWS. THIS CONNECTOR WILL NOT PERFORM PROPERLY IF USED IN SYSTEMS THAT
MECHANICALLY BIAS THE MODULE IN THE VERTICAL PLANE SUCH AS RAIL RAIL
SYSTEMS WITH EMI SPRINGS.

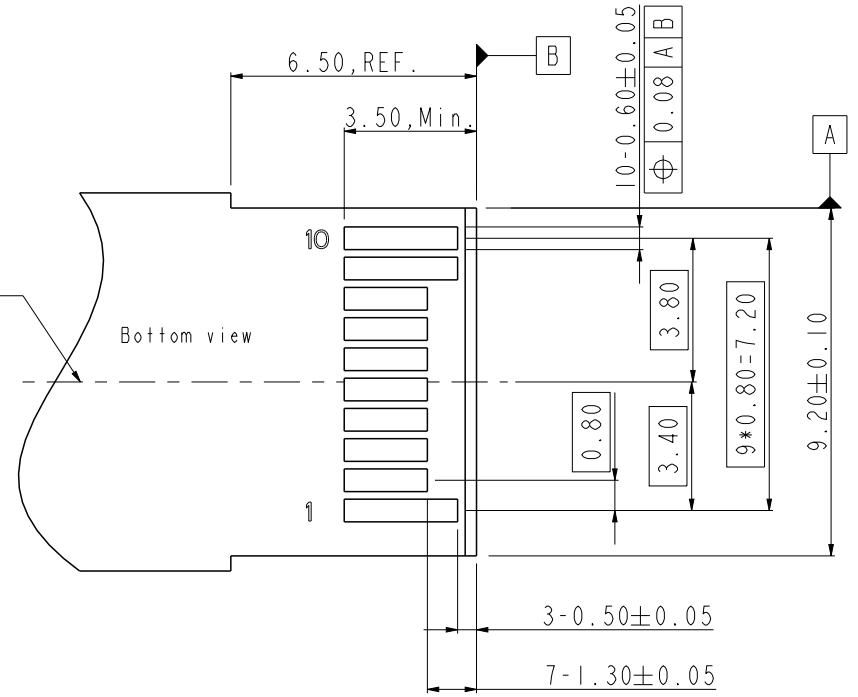
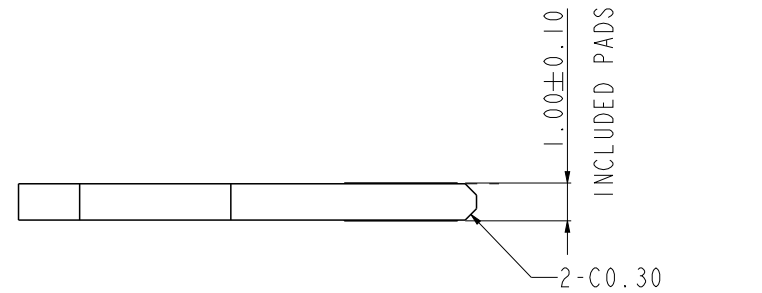
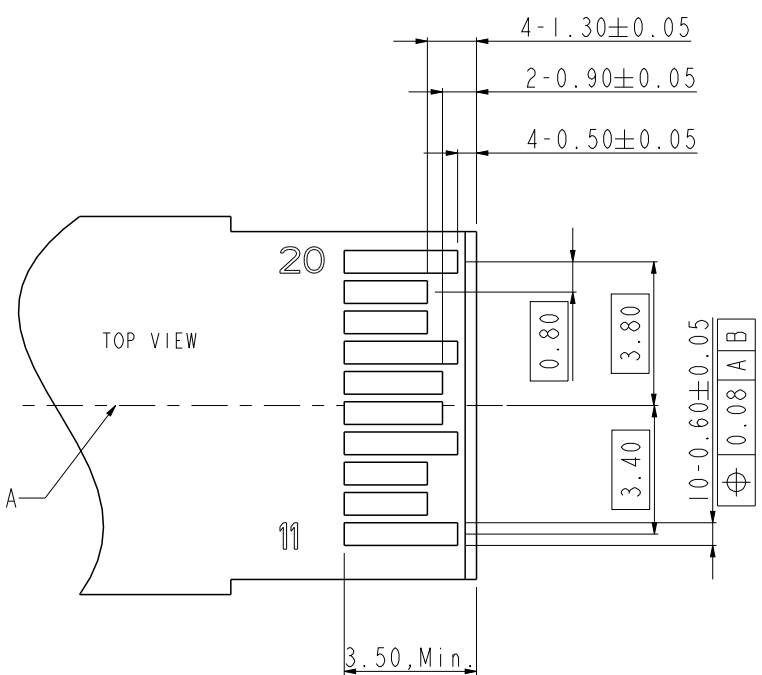


spec ref		*		dr		wcadmin		2006/09/11		projection				MM				size		A3		scale		5.000	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		De-Feng, Qin		2012/03/07				MM				ecn no		ELX-DG-010299-1							
ISO 406				chr		Terry Qiu		2012/03/15																	
ISO 1101				appr		Pei-Ming Zheng		2012/03/15												product family		rel level		Released	
surface 		linear		0.X		± 0.30				title		RIGHR ANGLE TYPE, 20POS.		dwg no		10056847		rev		G					
				0.XX		± 0.13																			
				0.XXX		± 0.05																			
ISO 1302		angular		0°		± 3°		www.fci.com		cat. no.		Product - Customer Drw		sheet 1 of 6											



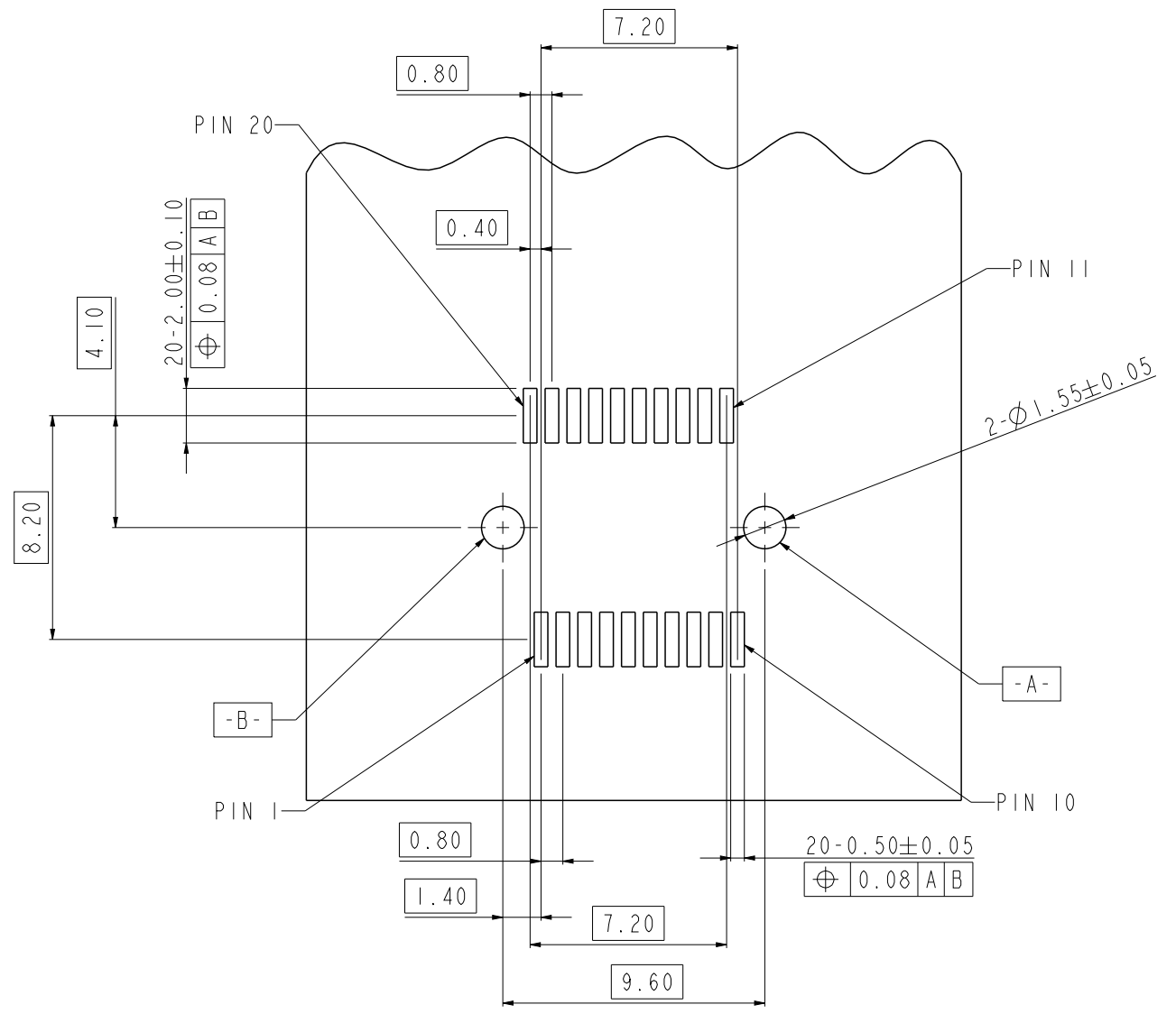
Copyright FCI.

PRODUCT NO
10056847-XYILF



RECOMMENDED LAYOUT
MATING PCB SIDE

PART NUMBER	HOUSING (Peg length option)	TERMINALS (Contact plating options)	TERMINALS (Underplating and Solder tail plating)	REMARK
10056847-10ILF	Peg length=1.15mm	0.76um, Min.Gold	Underplating:2.54um Min. Nickel overall. Solder tail: 3um Min. Matte Tin.	
10056847-11ILF	Peg length=0.75mm	0.76um, Min.Gold	Underplating:2.54um Min. Nickel overall. Solder tail: 3um Min. Matte Tin.	
10056847-90ILF	Peg length=1.15mm	0.76um, Min.GXT	Underplating:2.54um Min. Nickel overall. Solder tail: 3um Min. Matte Tin.	
10056847-91ILF	Peg length=0.75mm	0.76um, Min.GXT	Underplating:2.54um Min. Nickel overall. Solder tail: 3um Min. Matte Tin.	



RECOMMENDED PCB LAYOUT
CONNECTOR MOUNTING SIDE

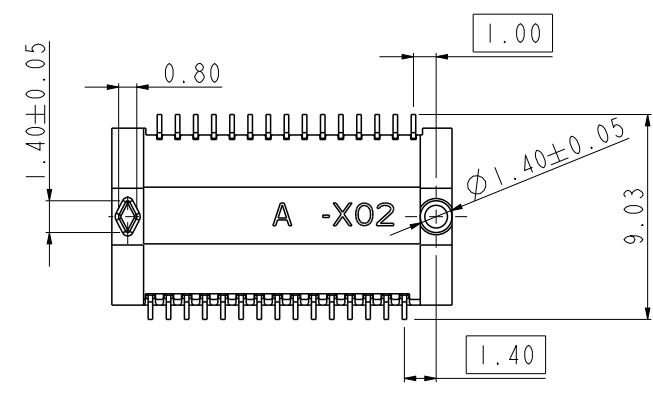
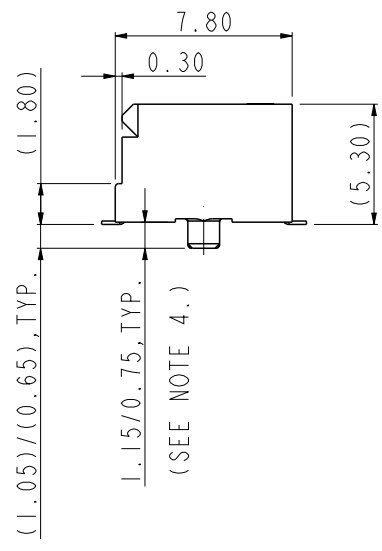
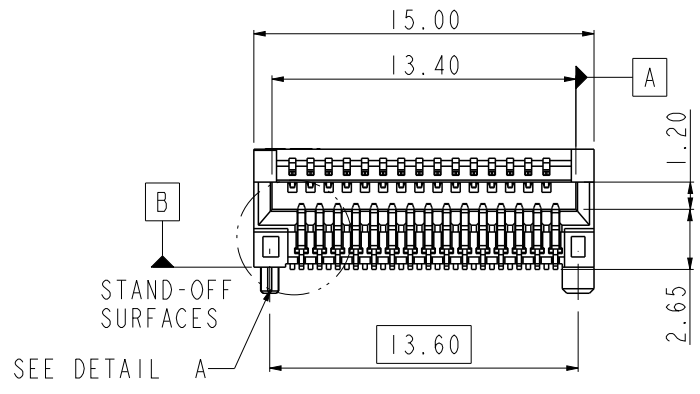
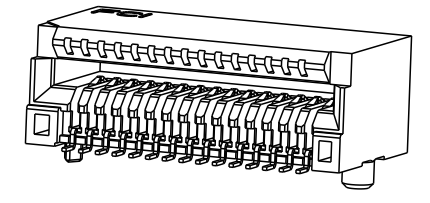
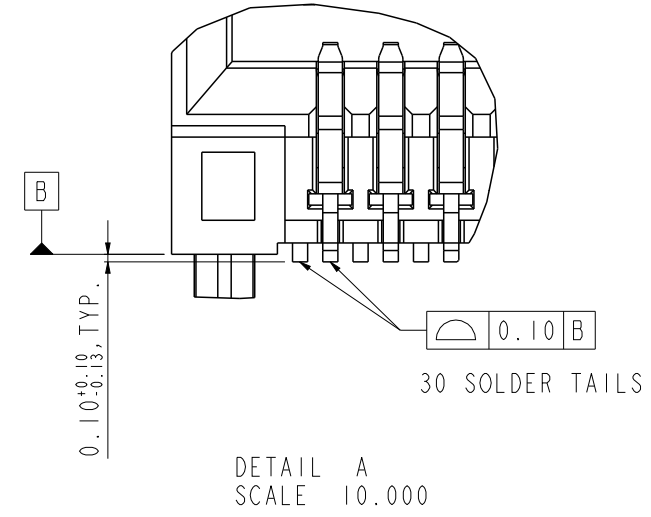
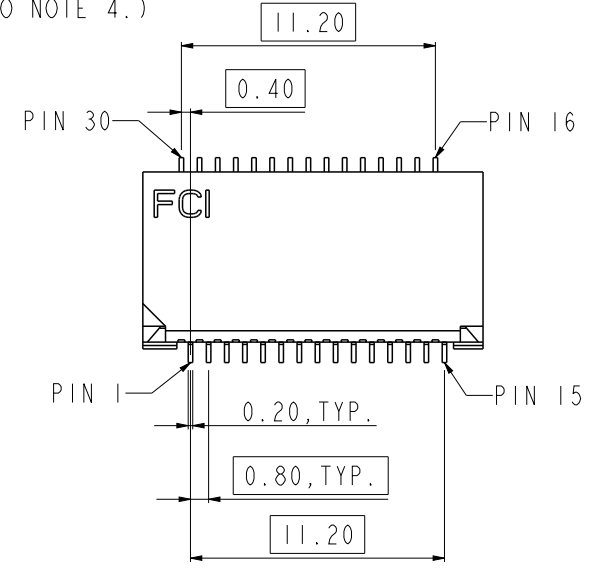
SCALE 4.000

spec ref		*		dr	wcadmin	2006/09/11	projection	MM	size	A3	scale	5.000
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	De-Feng, Qin	2012/03/07			ecn no	ELX-DG-010299-1		
				chr	Terry Qiu	2012/03/15						
				appr	Pei-Ming Zheng	2012/03/15						product family
surface	linear	0.X	± 0.30		title	RIGHR ANGLE TYPE, 20POS. EDGE CARD CONNECTOR		dwg no	10056847		rev	G
		0.XX	± 0.13									
		0.XXX	± 0.05									
	ISO 1302	angular	0°	± 3°	www.fci.com	cat. no.		Product - Customer Drw				



PRODUCT NO
10056847-XY2LF

(SYMBOLS "X" AND "Y"
DEFINES ORDERING DATA,
PLEASE REFER TO NOTE 4.)



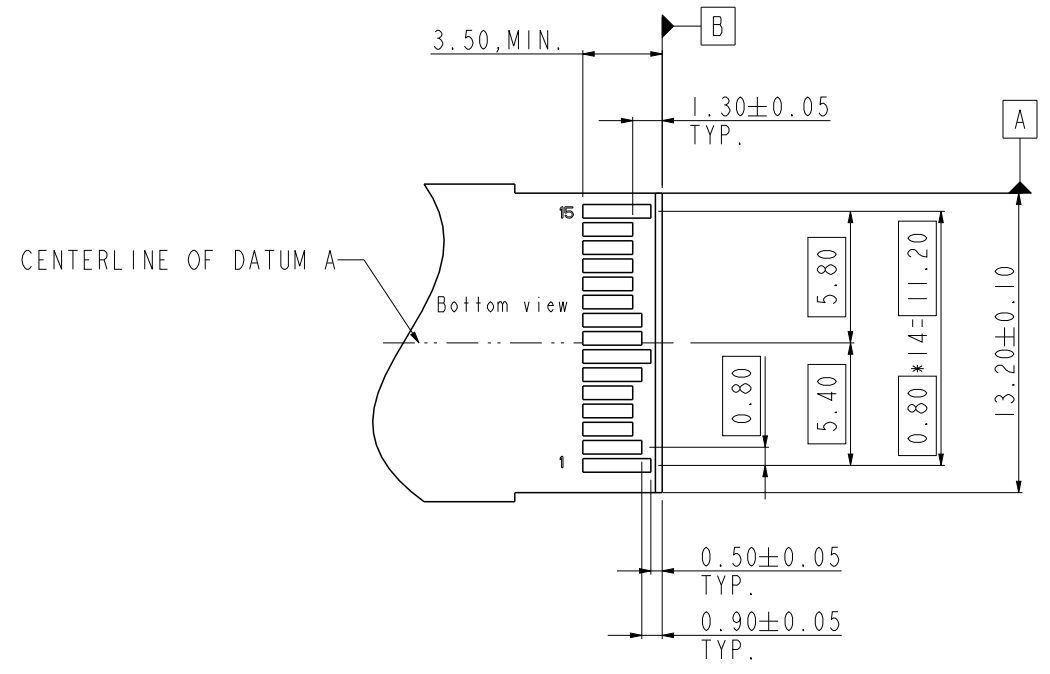
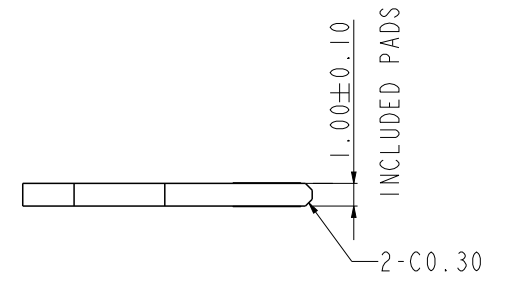
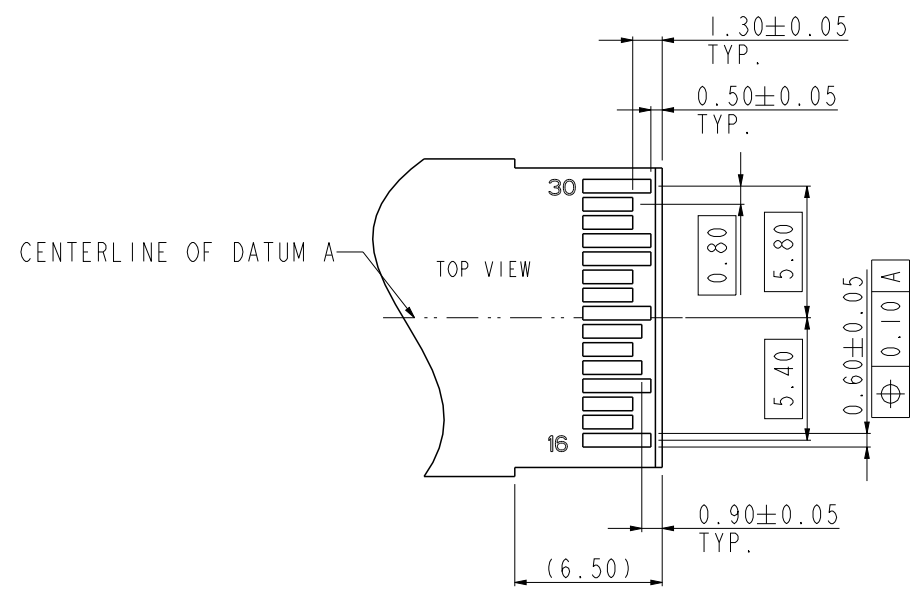
- NOTE:
- Material:
HOUSING: HIGH TEMPERATURE LCP, BLACK
UL 94 V-0 FLAME RETARDANT.
TERMINAL: COPPER ALLOY.
PLATING SPEC AS BELOW:
FOR CONTACT AREA:
-1Y2LF FOR 0.76 MICROMETERS MIN. THICKNESS GOLD.
-9Y2LF FOR 0.76 MICROMETERS MIN. THICKNESS GXT.
FOR SOLDER AREA:
MATTE PURE TIN 3 MICROMETERS MIN. FOR THREE TYPES.
FOR UNDERPLATING:
-1Y2LF AND -9Y2LF: 2.54 MICROMETERS MIN. THICKNESS NICKEL
 - PACKING SPEC. GS-14-1030
 - PRODUCT SPEC. GS-12-339.
 - PART NUMBER SCHEME: (EX. 10056847-XY2LF), PLEASE FIND THE PAGE 2 FOR OPTIONS.
(SYMBOL "X" IS FOR SELECTED PLATING AND
"LF" MEANS LEAD FREE PRODUCT.
(SYMBOL "Y" IS FOR PEG LENGTH SELECTION:
"0" DEFINES FOR LENGTH=1.15mm AND "1" DEFINES FOR LENGTH=0.75mm.
 - LEAD FREE NOTES:
5a. THE HOUSING WILL WITHSTAND EXPOSURE TO 260° C PEAK TEMPERATURE
FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
5b. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY
REGULATIONS AS DESCRIBED IN GS-22-008.
 - THIS CONNECTOR IS DESIGNED TO WORK WITH RAIL SYSTEM THAT ALLOW THE MODULE TO
"FLOAT" IN THE VERTICAL PLANE AND FIND EQUILIBRIUM BETWEEN THE UPPER AND LOWER
CONNECTOR ROWS. THIS CONNECTOR WILL NOT PERFORM PROPERLY IF USED IN SYSTEMS THAT
MECHANICALLY BIAS THE MODULE IN THE VERTICAL PLANE SUCH AS RAIL RAIL SYSTEMS WITH EMI SPRINGS.

spec ref		*		dr		wcadmin	2006/09/11		projection		MM		size		A3		scale		3.000		
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		De-Feng, Qin		2012/03/07						ecn no		ELX-DG-010299-1		rel level		Released	
ISO 406				chr		Terry Qiu		2012/03/15													
ISO 1101				appr		Pei-Ming Zheng		2012/03/15													
										product family											
surface		linear		0.X		± 0.30				title		RIGHR ANGLE TYPE, 20POS. EDGE CARD CONNECTOR		dwg no		10056847		rev		G	
				0.XX		± 0.13															
				0.XXX		± 0.05															
ISO 1302		angular		0°		± 3°		www.fci.com		cat. no.		Product - Customer Drw		sheet 3 of 6							



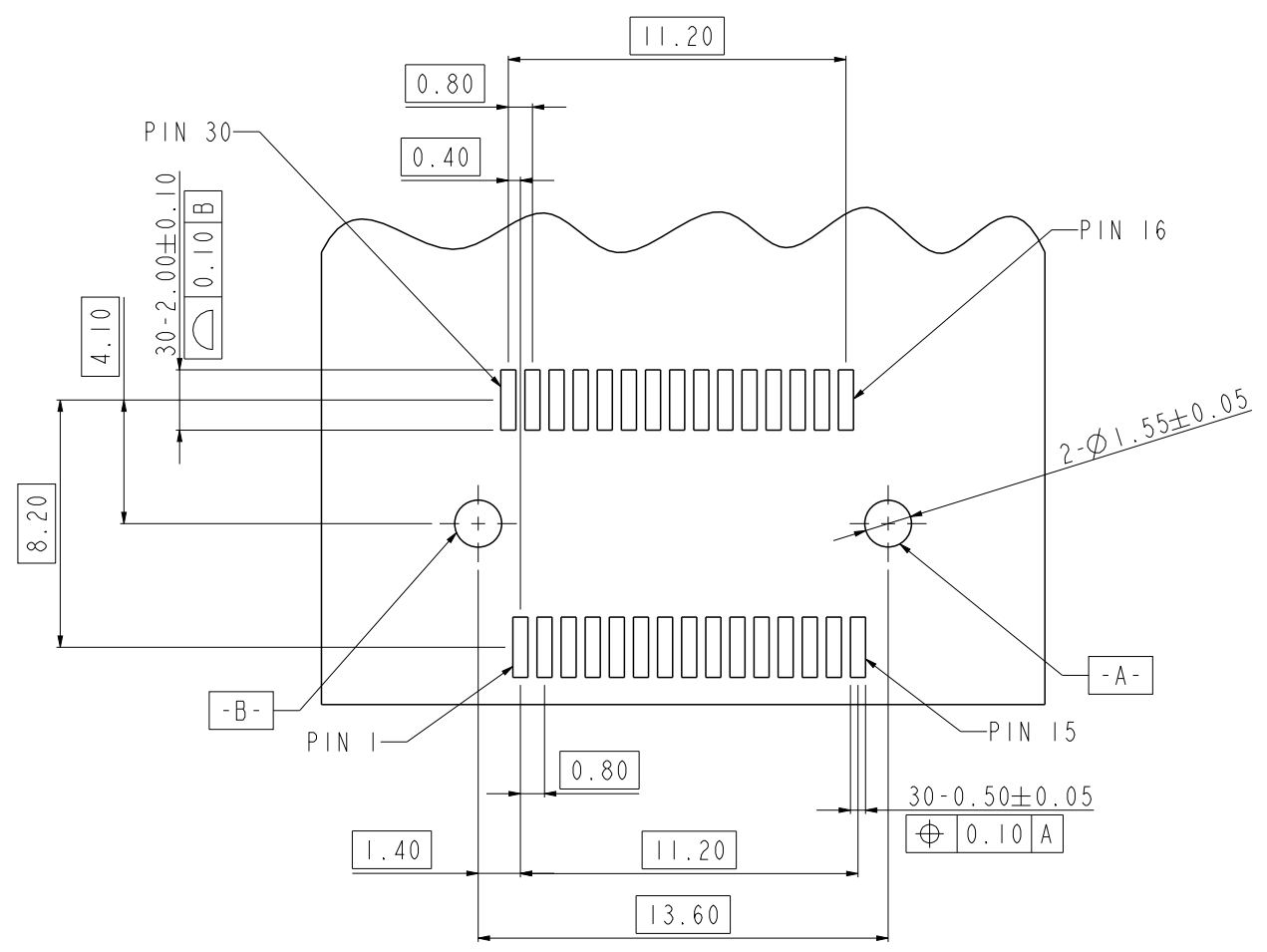
Copyright FCI.

PRODUCT NO
10056847-XY2LF



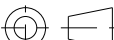
RECOMMENDED LAYOUT
MATING PCB SIDE

PART NUMBER	HOUSING (Peg length option)	TERMINALS (Contact plating options)	TERMINALS (Underplating and Solder tail plating)	REMARK
10056847-102LF	Peg length=1.15mm	0.76um, Min.Gold	Underplating:2.54um Min. Nickel overall. Solder tail: 3um Min. Matte Tin.	
10056847-112LF	Peg length=0.75mm	0.76um, Min.Gold	Underplating:2.54um Min. Nickel overall. Solder tail: 3um Min. Matte Tin.	
10056847-902LF	Peg length=1.15mm	0.76um, Min.GXT	Underplating:2.54um Min. Nickel overall. Solder tail: 3um Min. Matte Tin.	
10056847-912LF	Peg length=0.75mm	0.76um, Min.GXT	Underplating: 1.0um Min. NXT(AmNi) overall. Solder Tail: 3um Min. Matte Tin.	



RECOMMENDED PCB LAYOUT
CONNECTOR MOUNTING SIDE

SCALE 4.000

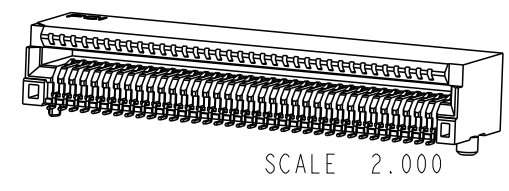
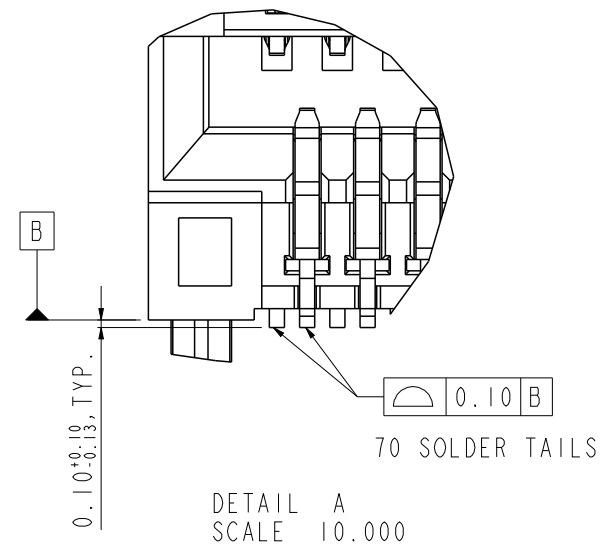
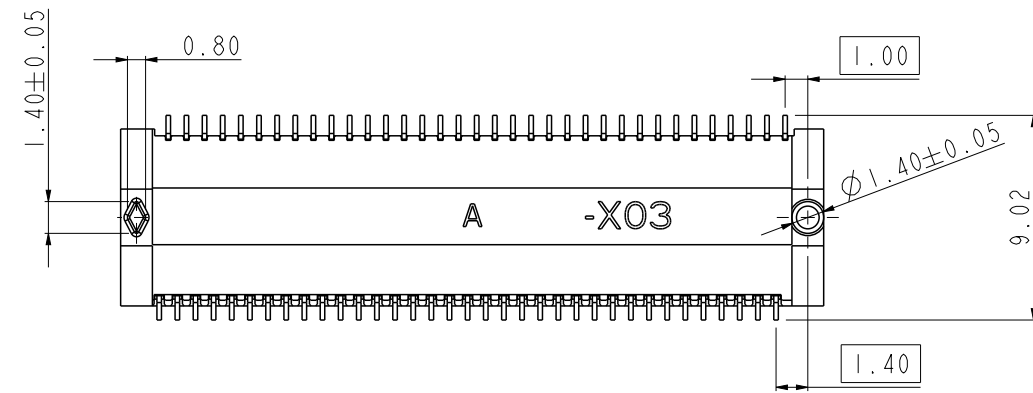
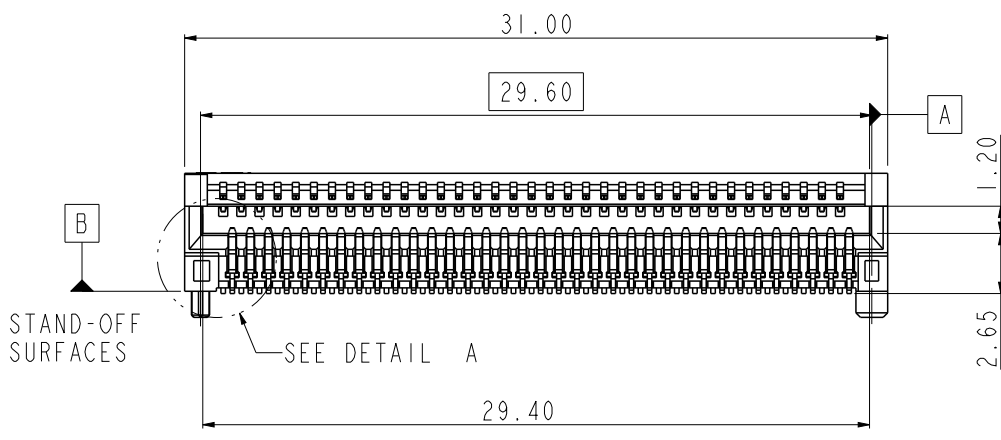
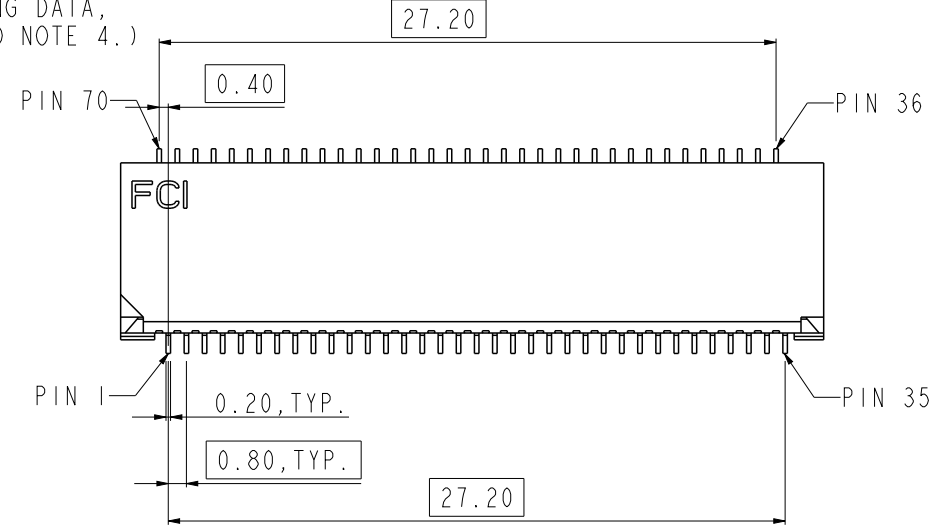
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tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	De-Feng, Qin	2012/03/07			ecn no	ELX-DG-010299-1			
ISO 406				chr	Terry Qiu	2012/03/15							
ISO 1101				appr	Pei-Ming Zheng	2012/03/15				product family		rel level	Released
surface 	linear	0.X	± 0.30		title	RIGHR ANGLE TYPE, 20POS. EDGE CARD CONNECTOR			dwg no	10056847		rev	G
		0.XX	± 0.13										
		0.XXX	± 0.05										
	ISO 1302	angular	0°										



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PRODUCT NO
10056847-XY3LF

(SYMBOLS "X" AND "Y"
DEFINES ORDERING DATA,
PLEASE REFER TO NOTE 4.)

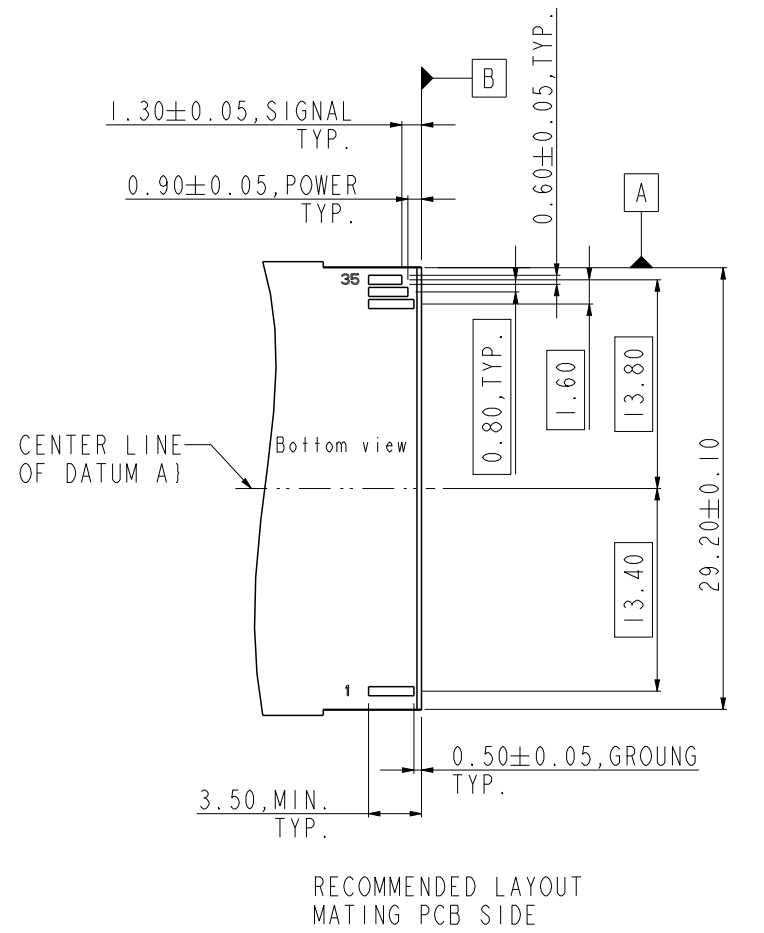
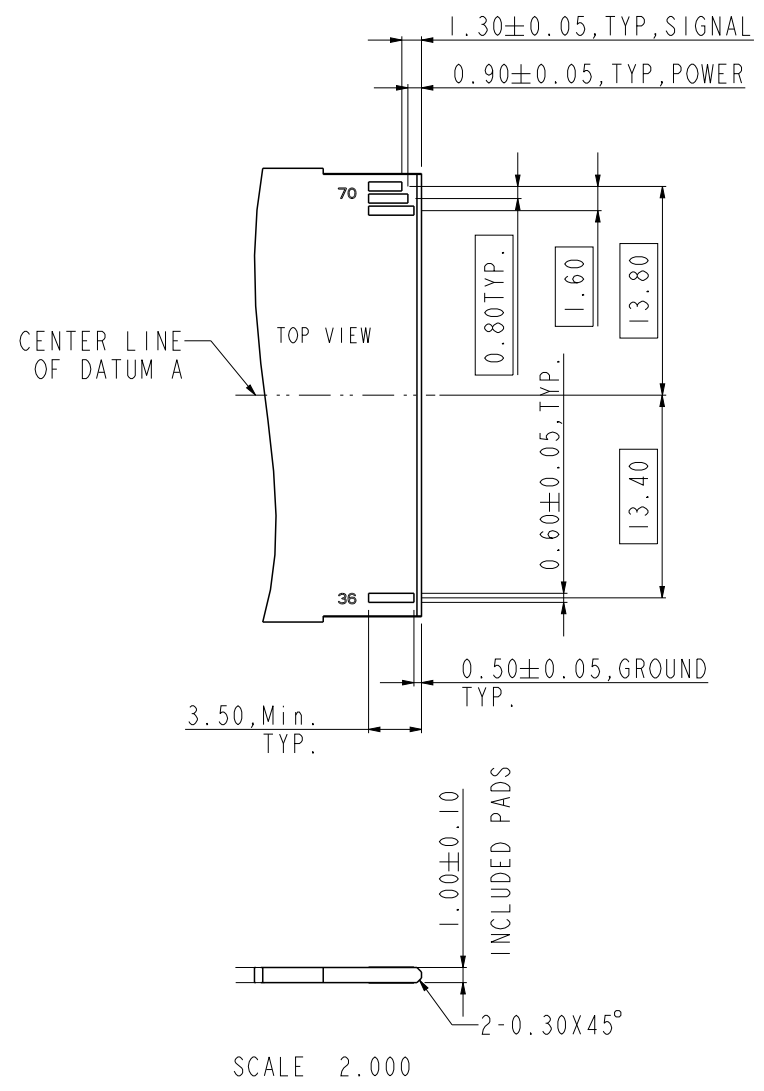


- NOTE:
- Material:
HOUSING: HIGH TEMPERATURE LCP, BLACK
UL 94 V-0 FLAME RETARDANT.
TERMINAL: COPPER ALLOY.
PLATING SPEC AS BELOW:
FOR CONTACT AREA:
-1Y3LF FOR 0.76 MICROMETERS MIN. THICKNESS GOLD.
-9Y3LF FOR 0.15 MICROMETERS MIN. THICKNESS GXT
FOR SOLDER AREA:
MATTE PURE TIN 3 MICROMETERS MIN. FOR THREE TYPES.
FOR UNDERPLATING:
-1Y3LF AND -9Y3LF: 2.54 MICROMETERS MIN. THICKNESS NICKEL
 - PACKING SPEC. GS-14-1030
 - PRODUCT SPEC. GS-12-339.
 - PART NUMBER SCHEME: (EX. 10056847-XY3LF), PLEASE FIND THE PAGE 2 FOR OPTIONS.
(SYMBOL "X" IS FOR SELECTED PLATING AND
"LF" MEANS LEAD FREE PRODUCT.
(SYMBOL "Y" IS FOR PEG LENGTH SELECTION:
"0" DEFINES FOR LENGTH=1.15mm AND "1" DEFINES FOR LENGTH=0.75mm.
 - LEAD FREE NOTES:
5a. THE HOUSING WILL WITHSTAND EXPOSURE TO 260° C PEAK TEMPERATURE
FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
5b. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY
REGULATIONS AS DESCRIBED IN GS-22-008.
 - THIS CONNECTOR IS DESIGNED TO WORK WITH RAIL SYSTEM THAT ALLOW THE MODULE TO
"FLOAT" IN THE VERTICAL PLANE AND FIND EQUILIBRIUM BETWEEN THE UPPER AND LOWER
CONNECTOR ROWS. THIS CONNECTOR WILL NOT PERFORM PROPERLY IF USED IN SYSTEMS THAT
MECHANICALLY BIAS THE MODULE IN THE VERTICAL PLANE SUCH AS RAIL RAIL
SYSTEMS WITH EMI SPRINGS.

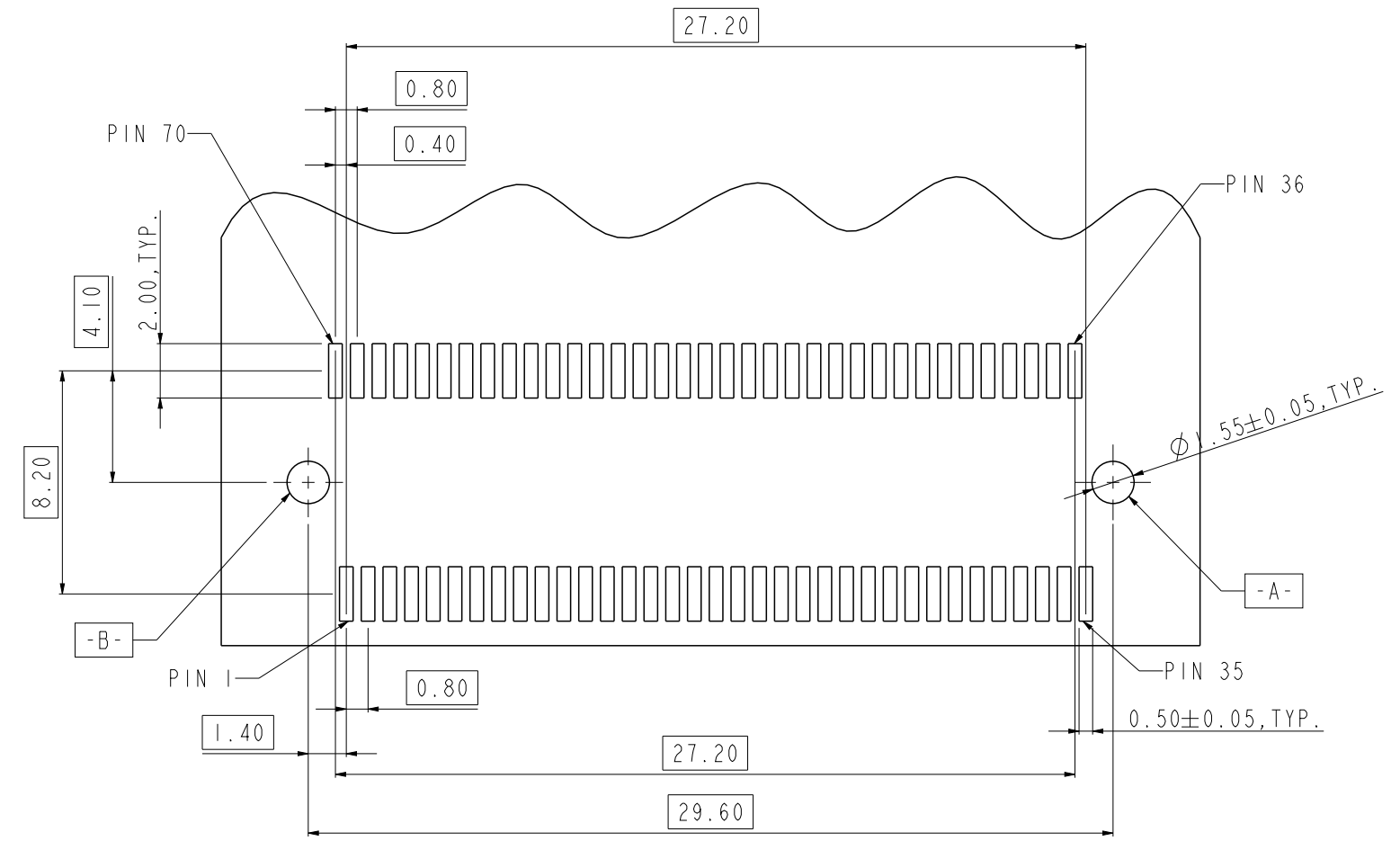
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tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	De-Feng, Qin	2012/03/07			ecn no				ELX-DG-010299-1
ISO 406				chr	Terry Qiu	2012/03/15			rel level				Released
ISO 1101				appr	Pei-Ming Zheng	2012/03/15	product family						
surface ✓	linear	0.X	± 0.30		title RIGHR ANGLE TYPE, 20POS. EDGE CARD CONNECTOR			dwg no	10056847		rev G		
		0.XX	± 0.13										
		0.XXX	± 0.05										
ISO 1302	angular	0°	± 3°	www.fci.com	cat. no.			Product - Customer Drw			sheet 5 of 6		



PRODUCT NO
10056847-XY3LF



PART NUMBER	HOUSING (Peg length option)	TERMINALS (Contact plating options)	TERMINALS (Underplating and Solder tail plating)	REMARK
10056847-103LF	Peg length=1.15mm	0.76um, Min.Gold	Underplating:2.54um Min. Nickel overall. Solder tail: 3um Min. Matte Tin.	
10056847-113LF	Peg length=0.75mm	0.76um, Min.Gold	Underplating:2.54um Min. Nickel overall. Solder tail: 3um Min. Matte Tin.	
10056847-903LF	Peg length=1.15mm	0.76um, Min.GXT	Underplating:2.54um Min. Nickel overall. Solder tail: 3um Min. Matte Tin.	
10056847-913LF	Peg length=0.75mm	0.76um, Min.GXT	Underplating:2.54um Min. Nickel overall. Solder tail: 3um Min. Matte Tin.	



spec ref		*		dr		wcadmin		2006/09/11		projection		MM		size		A3		scale		1.000			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		De-Feng, Qin		2012/03/07						ecn no		ELX-DG-010299-1		rel level		Released			
ISO 406				chr		Terry Qiu		2012/03/15															
ISO 1101				appr		Pei-Ming Zheng		2012/03/15															
										product family													
surface		✓		linear		0.X		± 0.30				title		RIGHR ANGLE TYPE, 20POS.		dwg no		10056847		rev		G	
				0.XX		± 0.13																	
				0.XXX		± 0.05																	
ISO 1302				angular		0°		± 3°		www.fci.com		cat. no.		Product - Customer Drw		sheet 6 of 6							