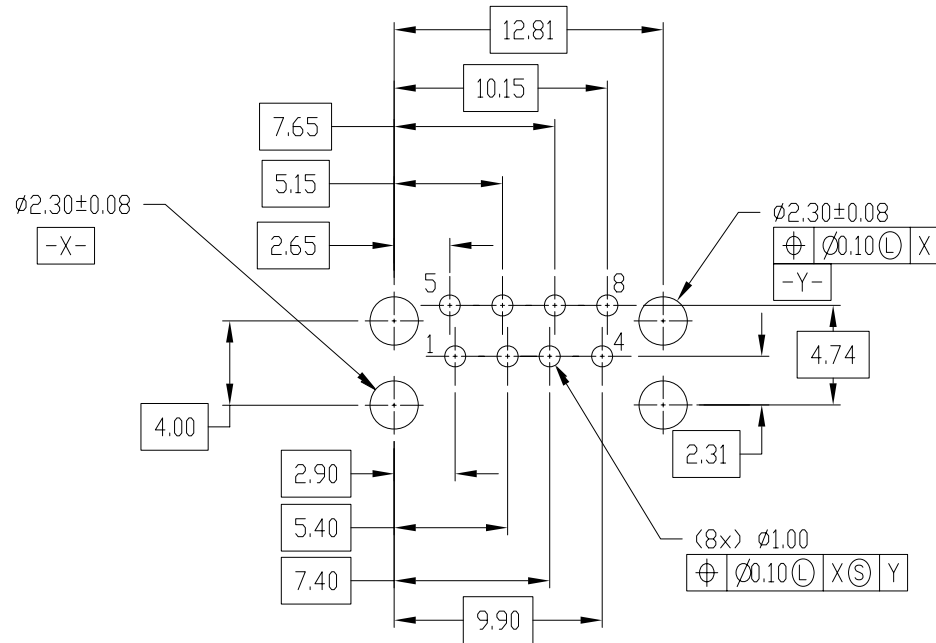
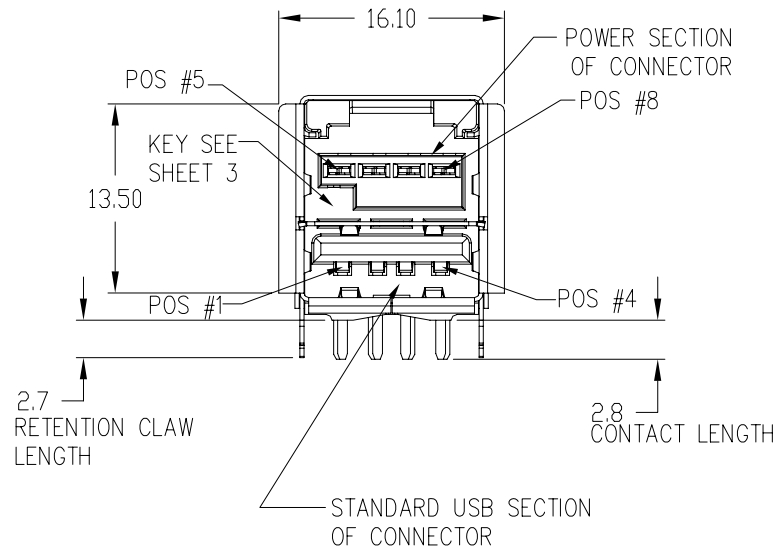
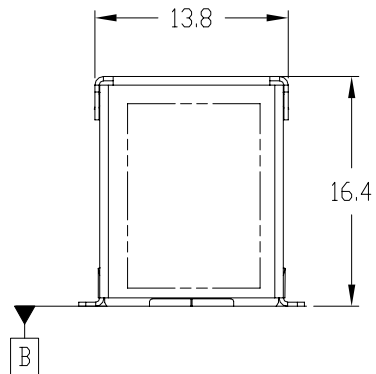


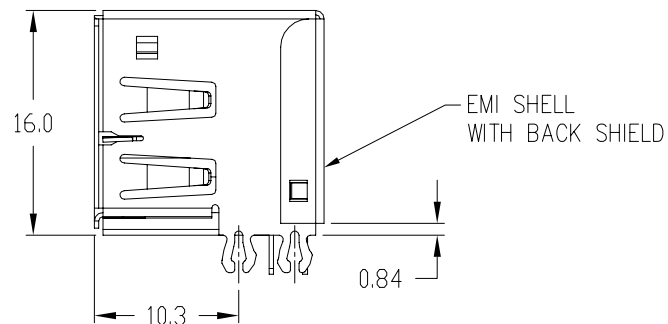


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PRODUCT NUMBER
SEE TABLE



RECOMMENDED PC DIMENSIONS
COMPONENT SIDE

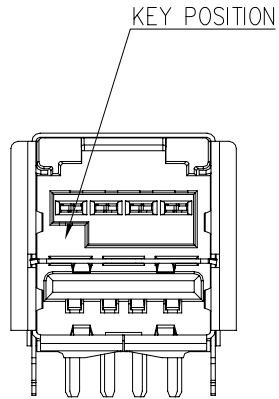


mat'l code NOTE 1 & 2				tolerance unless otherwise specified		CUSTOMER COPY		FCI www.fciconnect.com	
rev	ecn	no.	dr	date	linear	.0 ± .30	projection	title	
						.00 ± .20		USB+POWER	
						.000 ± .10		RECEPTACLE ASSY	
					angles	0° ± 3°	unit	product family USB	
			dr	Nick. Zhang	6/15/15			code	
			engr	Nick. Zhang	6/15/15		MM	size	
			chr	Qing. Li	6/15/15		scale	dwg no.	
			appd	Tim. Yao	6/15/15		2:1	10135709	
sheet	revision	A						sheet	
index	sheet	1~4						1 OF 4	

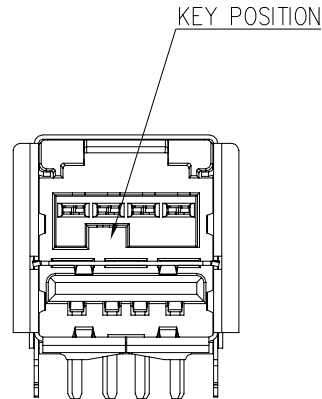


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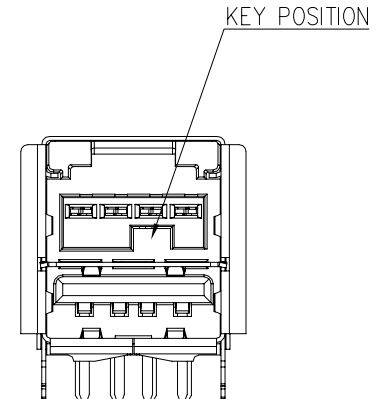
PRODUCT NUMBER
SEE TABLE



KEY POSITION 1
10135709-10X
10135709-50XLF
10135709-80XLF



KEY POSITION 2
10135709-20X
10135709-60XLF
10135709-00XLF



KEY POSITION 3
10135709-30X
10135709-70XLF
10135709-90XLF

ABOVE ASSEMBLIES ARE SHOWN LNLY FOR
KEY INFORMATION, FOR ASSEMBLY INFORMATION
AND DIMENSIONS SEE PREVIOUS SHEETS

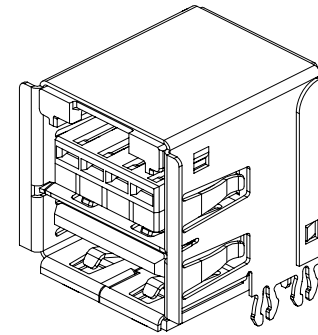
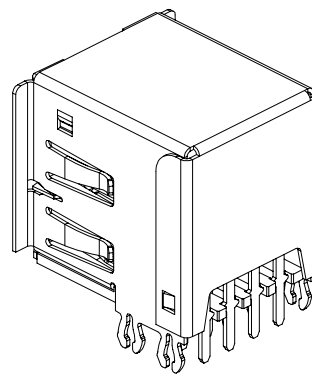
mat'l code NOTE 1 & 2		tolerance unless otherwise specified		CUSTOMER COPY		 www.fciconnect.com	
rev	ecn no.	dr	date	linear	.0 ± .30 .00 ± .20 .000± .10	projection	title
				angles	0° ± 3°		USB+POWER RECEPTACLE ASSY
		dr	Nick. Zhang	6/15/15	unit	MM	product family USB
		engr	Nick. Zhang	6/15/15	scale	A3	code NT
		chr	Qing. Li	6/15/15	size	dwg no.	sheet 2 OF 4
		appd	Tim. Yao	6/15/15	scale	2:1	10135709
sheet	revision	A					
index	sheet	1~4					



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NOTES:

1. MATERIAL:
HOUSING: HIGH TEMP ENGINEERING PLASTIC UL 94V-0
SHIELDS: HIGH STRENGTH COPPER ALLOY, PLATING: TIN/LEAD OR IN OVER NICKEL.
TERMINALS: HIGH STRENGTH COPPER ALLOY, PLATING: NICKEL UNDERPLATING
CONTACT AREA: 30 GXT MIN.
TAIL AREA: TIN/LEAD OR MATT TIN.
2. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994.
3. USB SETION CONFORMS TO USB 2.0 SPECIFICATION.
4. MATTING SEQUENCE WHEN MATED WITH USB+POWER PLUG PRODUCT NUMBER 74233-XXX
5. CURRENT RATING IS 1.5 AMP PER CONTACT FOR THE STANDARD USB SECTION AND 3 OR 5 AMPS
PER CONTACT FOR THE POWER SECTION WITH ALL CONTACTS POWER (SEE PART NUMBER TABLE), SEE GS-12-130
FOR PRODUCT TEST AND PERFORMANCE INFORMATION.
6. P/N 'S WITH SUFFIX "LF" ARE LEAD FREE P/N'S
7. FOR LEAD FREE P/N, THE PRODUCT MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY
REGULATION AS DESCRIBED IN GS-22-008
8. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TERMERATURE FOR 40 SECONDS IN A
CONVECTION, INFRO-RED OR VAPOR PHASE REFLOW OVEN.
9. THIS PRODUCT IS MADE UNDER LICENSE OF IBM U.S. PATENT NO.6334793



CONTACT NUMBER	PRODUCT DASH NUMBER 10135709-			
	-10X/50XLF /80XLF	-20X/60XLF /00XLF	-30X/70XLF /90XLF	MATING SEQ.
1	VCC	VCC	VCC	2
2	- DATA	- DATA	- DATA	3
3	+ DATA	+ DATA	+ DATA	3
4	GROUND	GROUND	GROUND	2
5	12V GROUND	24V GROUND	5V GROUND	2
6	12V	24V	5V	3
7	12V	24V	5V	3
8	12V GROUND	24V GROUND	5V GROUND	2
SHELL	SHIELD	SHIELD	SHIELD	1

mat'l code NOTE 1 & 2				tolerance unless otherwise specified				CUSTOMER COPY		 www.fciconnect.com				
rev	ecn	no.	dr	date	linear	.0 ± .30		projection 	title USB+POWER RECEPTACLE ASSY					
						.00 ± .20								
						.000± .10								
					angles	0° ± 3°			product family USB size dwg no. 10135709			code NT		
				dr	Nick. Zhang	6/15/15	unit MM							
				engr	Nick. Zhang	6/15/15	scale 2:1							
				chr	Qing. Li	6/15/15								
				appd	Tim. Yao	6/15/15		A3				sheet 3 OF 4		
sheet	revision	A												
index	sheet	1~4												



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1 2 3 4 5 6																																																																																																											
PRODUCT NUMBER	DESCRIPTION	VOLTAGE	HOUSING COLOR	CURRENT RATING	REMARK																																																																																																						
10135709-100	RECPT. ASS'Y. KEY POSITION 1	12V	BLACK	3 AMPS	NON LEAD FREE PART,NOT AVAILABLE																																																																																																						
10135709-500LF	RECPT. ASS'Y. KEY POSITION 1	12V	BLACK	3 AMPS	LEAD FREE PART, SUBSTITUTE OF 10135709-100																																																																																																						
10135709-800LF	RECPT. ASS'Y. KEY POSITION 1	12V	BLACK	5 AMPS	LEAD FREE PART, SUBSTITUTE OF 10135709-500LF																																																																																																						
10135709-101	RECPT. ASS'Y. KEY POSITION 1	12V	TEAL	3 AMPS	NON LEAD FREE PART,NOT AVAILABLE																																																																																																						
10135709-501LF	RECPT. ASS'Y. KEY POSITION 1	12V	TEAL	3 AMPS	LEAD FREE PART, SUBSTITUTE OF 10135709-101																																																																																																						
10135709-801LF	RECPT. ASS'Y. KEY POSITION 1	12V	TEAL	5 AMPS	LEAD FREE PART, SUBSTITUTE OF 10135709-501LF																																																																																																						
10135709-200	RECPT. ASS'Y. KEY POSITION 2	24V	BLACK	3 AMPS	NON LEAD FREE PART,NOT AVAILABLE																																																																																																						
10135709-600LF	RECPT. ASS'Y. KEY POSITION 2	24V	BLACK	3 AMPS	LEAD FREE PART, SUBSTITUTE OF 10135709-200																																																																																																						
10135709-000LF	RECPT. ASS'Y. KEY POSITION 2	24V	BLACK	5 AMPS	LEAD FREE PART, SUBSTITUTE OF 10135709-600LF																																																																																																						
10135709-201	RECPT. ASS'Y. KEY POSITION 2	24V	RED	3 AMPS	NON LEAD FREE PART,NOT AVAILABLE																																																																																																						
10135709-601LF	RECPT. ASS'Y. KEY POSITION 2	24V	RED	3 AMPS	LEAD FREE PART, SUBSTITUTE OF 10135709-201																																																																																																						
10135709-001LF	RECPT. ASS'Y. KEY POSITION 2	24V	RED	5 AMPS	LEAD FREE PART, SUBSTITUTE OF 10135709-601LF																																																																																																						
10135709-300	RECPT. ASS'Y. KEY POSITION 3	5V	NATURAL	3 AMPS	NON LEAD FREE PART,NOT AVAILABLE																																																																																																						
10135709-700LF	RECPT. ASS'Y. KEY POSITION 3	5V	NATURAL	3 AMPS	LEAD FREE PART, SUBSTITUTE OF 10135709-300																																																																																																						
10135709-900LF	RECPT. ASS'Y. KEY POSITION 3	5V	NATURAL	5 AMPS	LEAD FREE PART, SUBSTITUTE OF 10135709-700LF																																																																																																						
<table><tr><td colspan="2">mat'l code NOTE 1 & 2</td><td colspan="2">tolerance unless otherwise specified</td><td>CUSTOMER COPY</td><td rowspan="2"> www.fciconnect.com</td></tr><tr><td>rev</td><td>ec'n no.</td><td>dr</td><td>date</td><td>linear</td></tr><tr><td></td><td></td><td></td><td></td><td>.0 ± .30</td><td rowspan="2">projection</td></tr><tr><td></td><td></td><td></td><td></td><td>.00 ± .20</td></tr><tr><td></td><td></td><td></td><td></td><td>.000± .10</td><td rowspan="2"></td></tr><tr><td></td><td></td><td></td><td></td><td>angles 0° ± 3°</td></tr><tr><td></td><td></td><td></td><td></td><td>dr Nick. Zhang 6/15/15</td><td rowspan="2">unit</td></tr><tr><td></td><td></td><td></td><td></td><td>engr Nick. Zhang 6/15/15</td></tr><tr><td></td><td></td><td></td><td></td><td>chr Qing. Li 6/15/15</td><td rowspan="2">scale</td></tr><tr><td></td><td></td><td></td><td></td><td>appd Tim. Yao 6/15/15</td></tr><tr><td>sheet</td><td>revision</td><td>A</td><td></td><td></td><td rowspan="2">product family USB</td></tr><tr><td>index</td><td>sheet</td><td>1~4</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>size</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>dwg no.</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>A3</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>10135709</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>code NT</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>sheet 4 OF 4</td></tr></table>						mat'l code NOTE 1 & 2		tolerance unless otherwise specified		CUSTOMER COPY	 www.fciconnect.com	rev	ec'n no.	dr	date	linear					.0 ± .30	projection					.00 ± .20					.000± .10						angles 0° ± 3°					dr Nick. Zhang 6/15/15	unit					engr Nick. Zhang 6/15/15					chr Qing. Li 6/15/15	scale					appd Tim. Yao 6/15/15	sheet	revision	A			product family USB	index	sheet	1~4								size						dwg no.						A3						10135709						code NT						sheet 4 OF 4
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