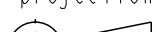




spec ref				dr	Keen Wu	2010/11/04	<div>projection</div> 	<div>MM</div> 	size	A4	scale	4.000	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Li-Qing Lei	2021/03/31			ecn no	ELX-N-40522-1			
				chr	-	-							
				appr	Tim Yao	2021/04/29			product family		rel level	Released	
surface 	linear	0.X	±0.3	Amphenol FCI	title	USB RECEPTACLE			dwg no	87520		rev	AR
		0.XX	±0.2										
		0.XXX	±										
	angular	0°	±3°	www.fci.com	cat. no.	Product - Customer Drw				sheet 1 of 3			

PRODUCT NUMBER CODE

BASE PRODUCT NUMBER

HOUSING COLOR AND SHELL PLATING OPTIONS

- 0 - WHITE+SHELL TIN & NICKEL PLATING
- 1 - BLACK+SHELL TIN & NICKEL PLATING
- 2 - WHITE+SHELL NICKEL PLATING ONLY
- 3 - BLACK+SHELL NICKEL PLATING ONLY
- 4 - WHITE FR50 + SHELL TIN & NICKEL PLATING FOR NON LEAD FREE P/N'S
CHANGE WHITE FR50 TO WHITE PA46 FOR LEAD FREE P/N'S
- 5 - BLACK NYLON 66 + SHELL TIN & NICKEL PLATING FOR NON LEAD FREE P/N'S
CHANGE BLACK NYLON 66 TO BLACK PA46 FOR LEAD FREE P/N'S
- 6 - WHITE FR50+SHELL TIN & NICKEL PLATING FOR NON LEAD FREE P/N'S
CHANGE WHITE FR50 TO WHITE PA46 FOR LEAD FREE P/N'S
- 7 - WHITE PA46+SHELL TIN & NICKEL PLATING

SHELL TYPE OPTION

- 0 - NO BACK SHIELD, SEE STYLE 1 FOR DURABILITY 1500 CYCLES
SEE STYLE 4 FOR DURABILITY 5000 CYCLES
- 1 - BACK SHIELD, SEE STYLE 2
- 2 - PARTIAL BACK SHIELD, SEE STYLE 3
- 5 - NO BACK SHIELD, SEE STYLE 4 WITH HIGH PERFORMANCE MATERIAL
FOR DURABILITY 15,000 CYCLES, NI PLATING ONLY

MOUNTING HOLE OPTIONS

- 1 - NONE

TERMINAL PLATING OPTION

- 0 - 1.25um Ni UNDERPLATE
0.76um GXT CONTACT AREA
2.50um MATTE TIN TAIL AREA FOR P/N'S
- 2 - 1.25um Ni UNDERPLATE
0.76um /30u" GXT CONTACT AREA
2.50um MATTE TIN TAIL AREA FOR P/N'S

PACKAGING OPTIONS

- A - TAPE AND REEL
- B - TUBES

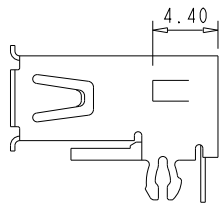
DATE CODE

SPECIAL OPTION:

- S: PANASONIC ONLY
- B: FOR 1.20mm THICKNESS PCB
- C: FOR CRIMP SHELL TAIL OPTION
SHELL STYLE 6

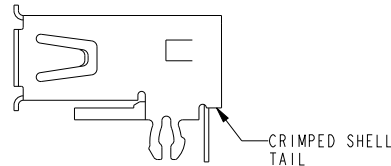
LEAD FREE OPTION

- P/N'S WITH SUFFIX "LF" MEAN LEAD FREE PRODUCT
- FOR LEAD FREE P/N, CHANGE ALL ORIGINAL TIN/LEAD PLATING TO PURE TIN PLATING

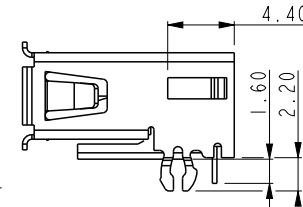


STYLE 4 WITHOUT BACK SHELL

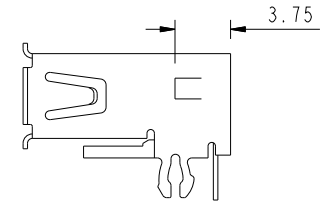
FOR 87520-1010XXLF
-1012XXLF
-3010XXLF
-3012XXLF
-5012XXLF
-6010XXLF
-7010XXSLF
-3S10XPLF
-3S12XPLF



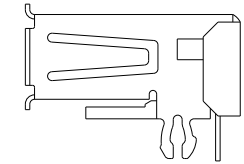
STYLE 6 WITHOUT BACK SHELL
CRIMP SHELL TAIL OPTION



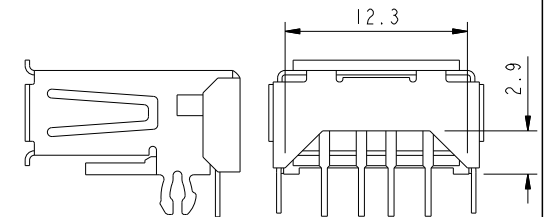
STYLE 5 WITHOUT BACK SHELL
FOR 1.20mm THICKNESS PCB
87520-3X10APBLF&87520-1010APBLF



STYLE 1 WITHOUT BACK SHELL



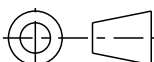

STYLE 2 WITH BACK SHELL



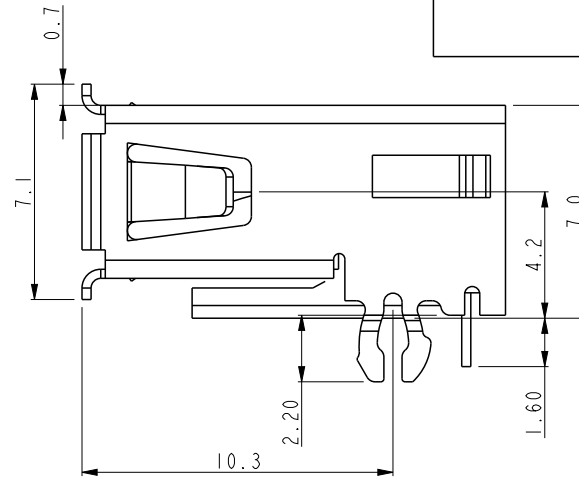
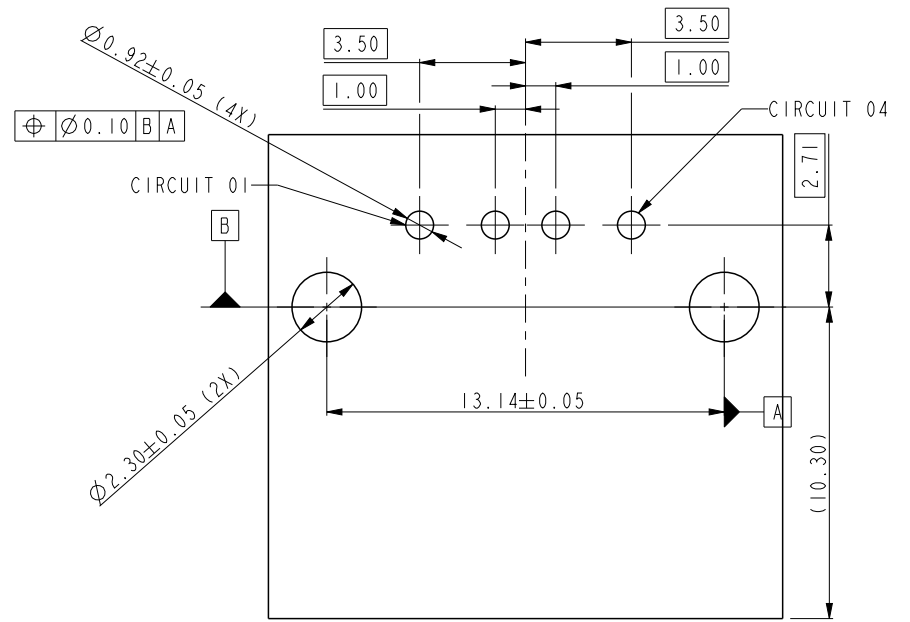
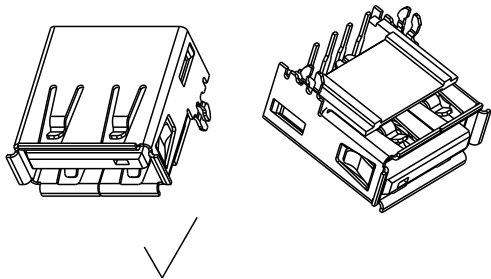
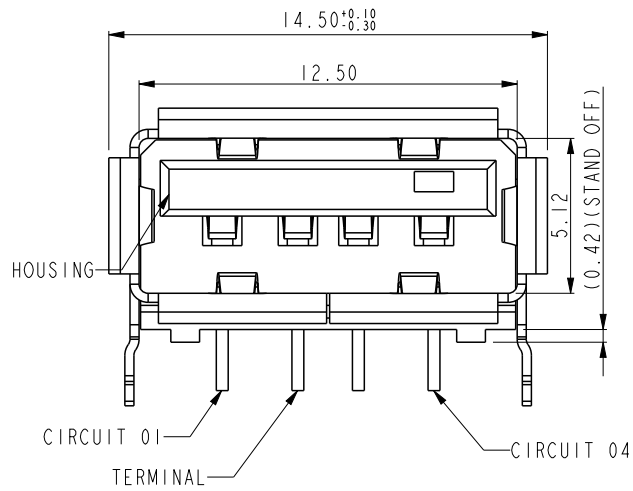
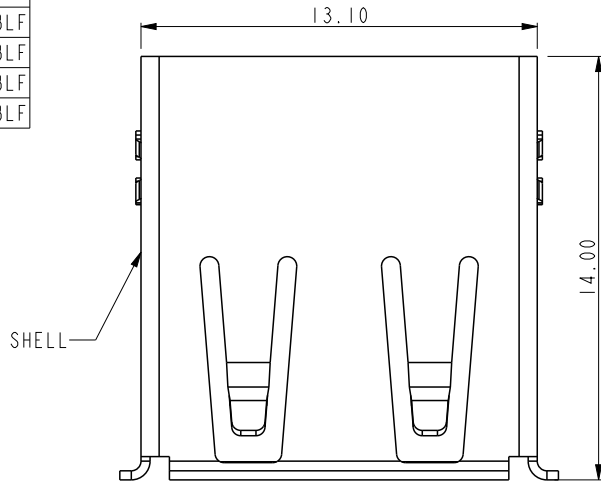
STYLE 3 WITH PARTIAL BACK SHELL

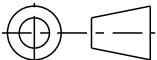

AVAILABLE PART NUMBER LIST

87520-0010XXLF
87520-0012XXLF
87520-0210XXLF
87520-1010XXLF
87520-1012XXLF
87520-0110XXLF
87520-0112XXLF
87520-1110XXLF
87520-1112XXLF
87520-2010XXLF
87520-2012XXLF
87520-2110XXLF
87520-2112XXLF
87520-2210XXLF
87520-3010XXLF
87520-3012XXLF
87520-3110XXLF
87520-3112XXLF
87520-4010XXLF
87520-4110XXLF
87520-5010XXLF/5010XXSLF
87520-5110XXLF
87520-6010XXLF
87520-7010XXSLF
87520-3010APBLF
87520-3S10XPLF
87520-3S12XPLF
87520-3S10XPBLF
87520-3S12XPBLF
87520-1010APBLF

dr	Keen Wu	2010/11/04	<div>projection</div> 	<div>MM</div> 	size	A4	scale	4.000
eng	Li-Qing Lei	2021/03/31			ecn no	ELX-N-40522-1		
chr	-	-			rel level	Released		
appr	Tim Yao	2021/04/29	product family					
<div>Amphenol FCI</div>		<div>title</div> <div>USB RECECPTACLE</div> <div>USB</div>			<div>dwg no</div> <div>87520</div>			<div>rev</div> <div>AR</div>
www.fci.com		cat. no.		Product - Customer Drw			sheet 2 of 3	

PART NUMBER
87520-3010APBLF
87520-3S10XPBLF
87520-3S12XPBLF
87520-1010APBLF



dr	Keen Wu	2010/11/04	<div>projection</div> 	<div>MM</div> 	size	A4	scale	4.000		
eng	Li-Qing Lei	2021/03/31			ecn no	ELX-N-40522-1				
chr	-	-			rel level	Released				
appr	Tim Yao	2021/04/29			product family					
<div>Amphenol FCI</div>		title			USB RECEPCTACLE			dwg no		rev
		USB			87520					AR
www.fci.com		cat. no.			Product - Customer Drw			sheet 3 of 3		