

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

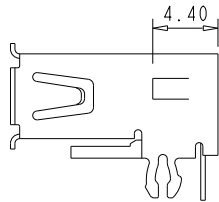
DATE CODE

SPECIAL OPTION:

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

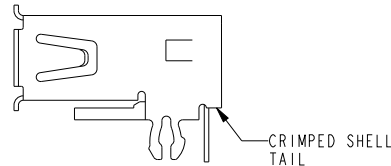
LEAD FREE OPTION

- 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

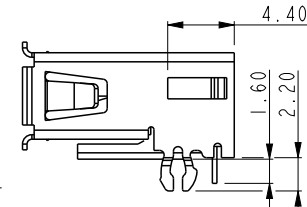


STYLE 4 WITHOUT BACK SHELL

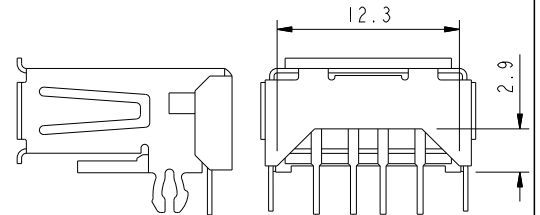
FOR 87520-1010XXLF
-1012XXLF
-3010XXLF
-3012XXLF
-5012XXLF
-6010XXLF
-7010XXSLF
-3S10XPPLF
-3S12XPPLF



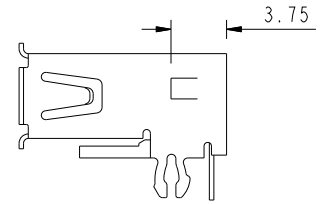
STYLE 6 WITHOUT BACK SHELL
CRIMP SHELL TAIL OPTION



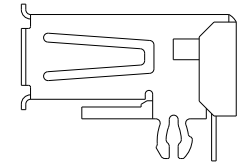
STYLE 5 WITHOUT BACK SHELL
FOR 1.20mm THICKNESS PCB
87520-3X10APBLF



STYLE 3 WITH PARTIAL BACK SHELL



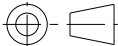
STYLE 1 WITHOUT BACK SHELL



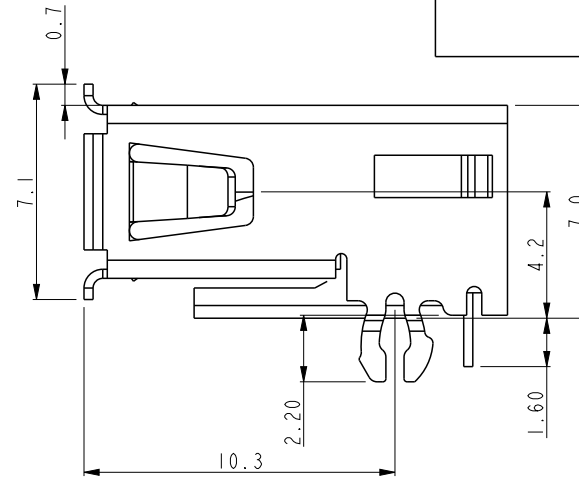
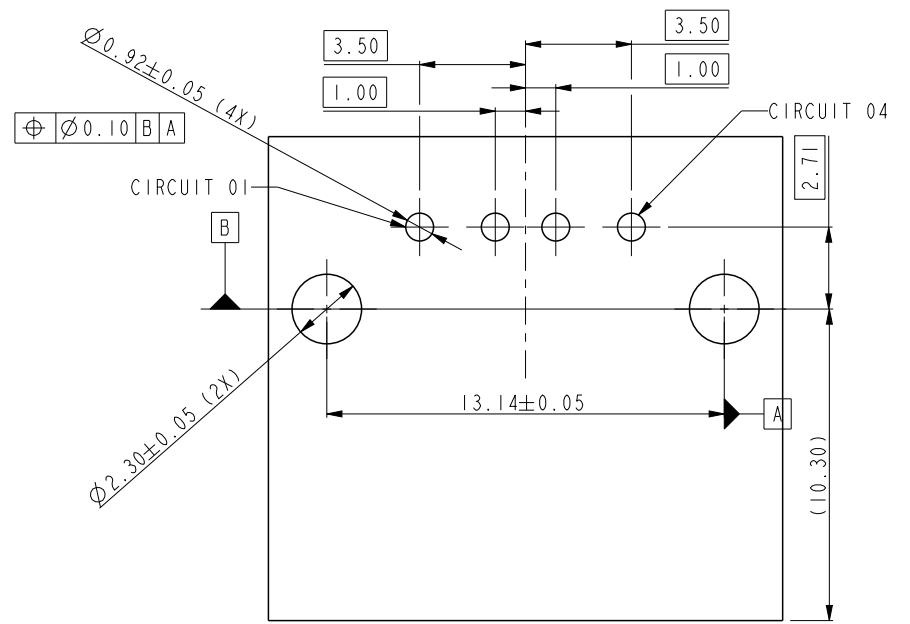
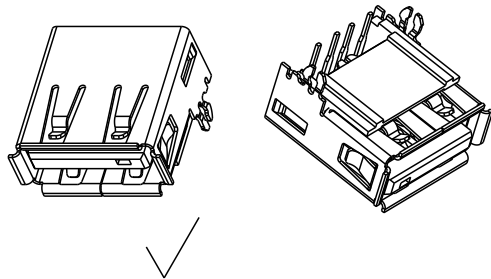
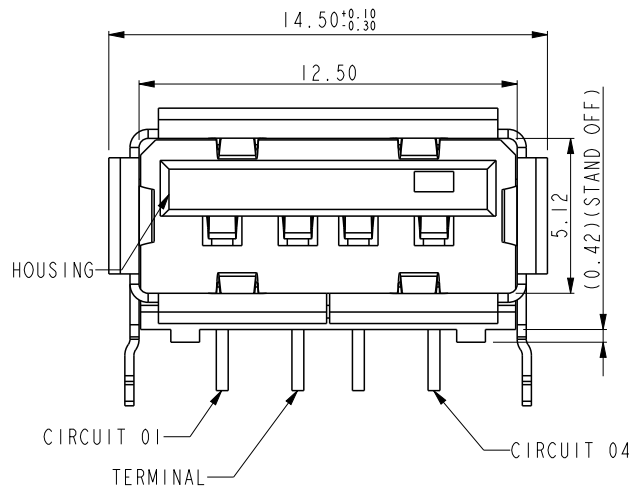
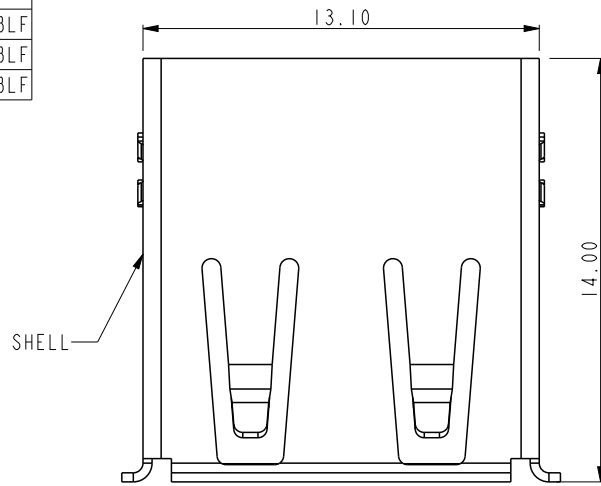
STYLE 2 WITH BACK SHELL

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
87520-3S10XPPLF
87520-3S12XPPLF
87520-3S10XPBLF
87520-3S12XPBLF

dr	Keen Wu	2010/11/04	projection 	MM 	size	A 4	scale	4.000
eng	Laurence Zang	2017/05/16			ecn no	ELX-N-26900-1		
chr	-	-			rel level	Released		
appr	Tim Yao	2017/05/16			product family			
Amphenol FCI		title			dwg no			rev
		USB RECECPTACLE			87520			AP
		USB						
www.fci.com		cat. no.		Product - Customer Drw			sheet 2 of 3	

PART NUMBER
87520-3010APBLF
87520-3SI0XPBLF
87520-3SI2XPBLF



RECOMMENDED PCB LAYOUT
COMPONENT SIDE

dr	Keen Wu	2010/11/04	projection	MM	size	A4	scale	4.000
eng	Laurence Zang	2017/05/16			ecn no	ELX-N-26900-1		
chr	-	-			rel level	Released		
appr	Tim Yao	2017/05/16	product family					
Amphenol FCi		title			USB RECECPTACLE		dwg no	
www.fci.com		cat. no.			USB		87520	
					Product - Customer Drw		rev	
							AP	
					sheet 3 of 3			