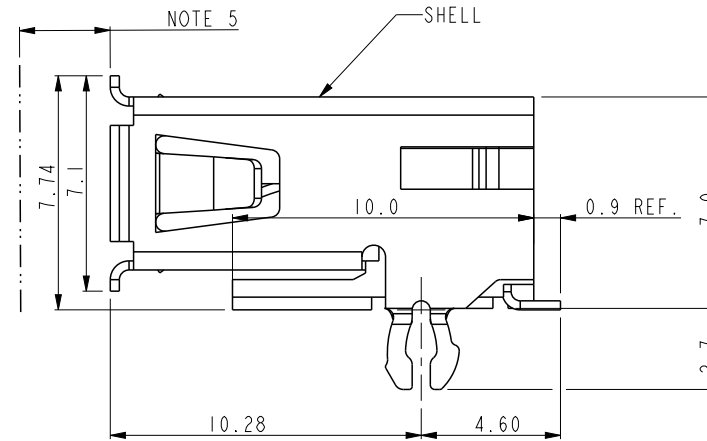
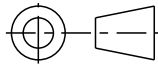



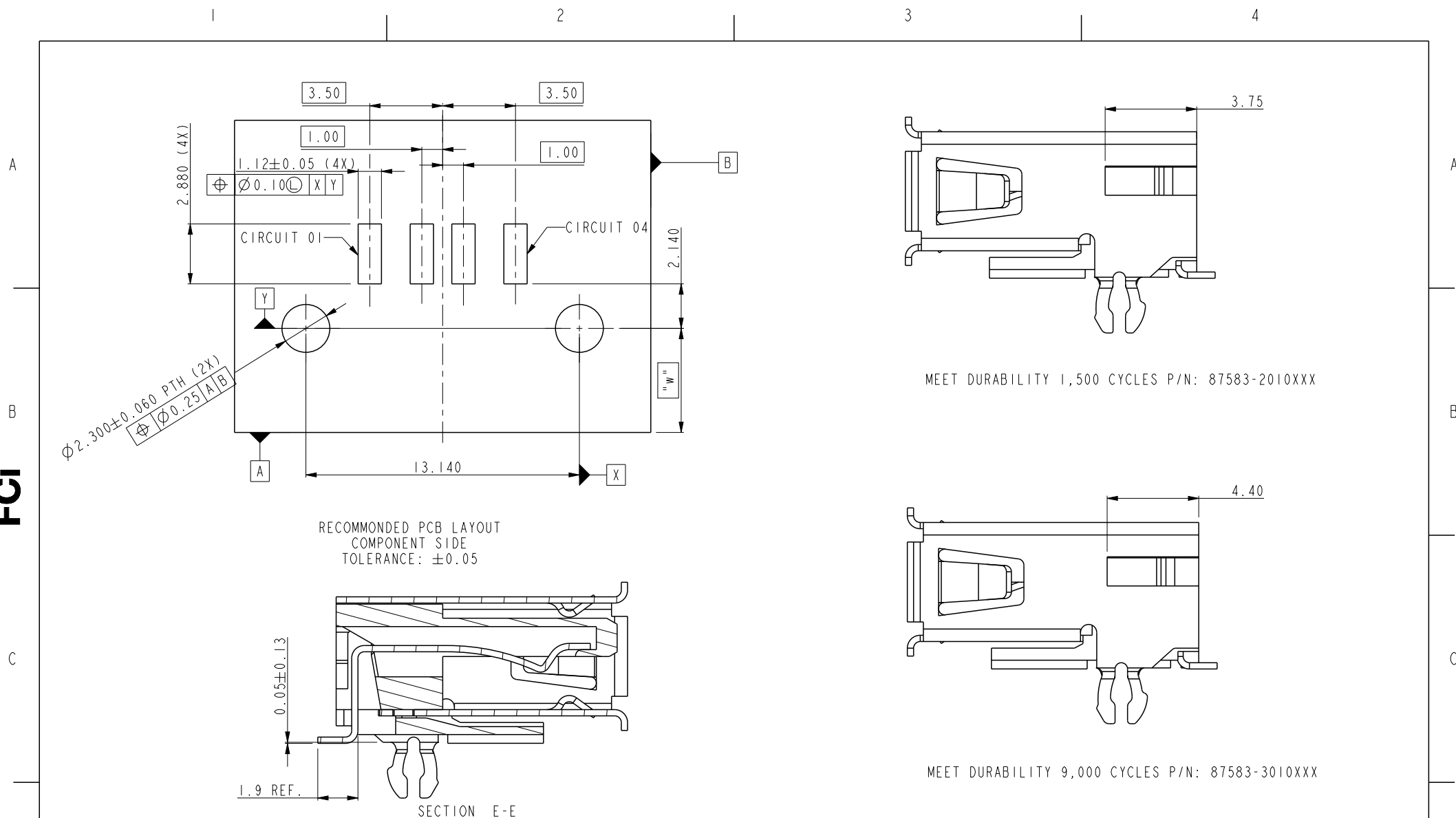


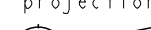


NOTES:

1. MATERIAL:
TERMINAL: COPPER ALLOY
SHELL: COPPER ALLOY
HOUSING: THERMOPLASTIC, UL94 V-0;
2. PLATING: SEE PART NUMBER CODE;
3. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUTOMER;
4. RECOMMENDED PCB THICKNESS IS 1.57MM;
5. 2.67MM MAXIMUM PANEL THICKNESS IF MOUNTED BEHIND PANEL;
6. PRODUCT SPECIFICATION: GS-12-095;
7. PACKAGE SPECIFICATION: GS-14-393;
8. COMPLIED WITH USB 2.0 AND TID NUMBER 60000205;
9. 87583-3010XXX DURABILITY MEET 9,000 CYCLES,
AND THE OTHER PART MEET USB 2.0 1,500 CYCLES;
(TO BE CONTINUED ON PAGE 3)



spec ref				dr	Keen Wu	2010/11/04			size	A4	scale	4.000						
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Li-Qing Lei	2021/04/27			ecn no	ELX-N-40522-1								
				chr	-	-			rel level			Released						
				appr	Tim Yao	2021/04/29			product family									
surface		linear	0.X	±0.30		title			UNIV. SERIAL BUS S.M.			dwg no	87583		rev	AC		
		0.XX	±0.20	RECEPTACLE														
		0.XXX	±0.10															
	angular	0°	±2°		cat. no.			Product - Customer Drw			sheet 1 of 3							



spec ref				dr	Keen Wu	2010/11/04			size	A4	scale	4.000		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	LI-Qing Lei	2021/04/27			ecn no	ELX-N-40522-1				
				chr	-	-								
				appr	Tim Yao	2021/04/29			product family			rel level	Released	
surface		linear	0.X	±0.30	Amphenol FCi	title	UNIV. SERIAL BUS S.M. RECEPTACLE			dwg no	87583		rev	A
			0.XX	±0.20										
			0.XXX	±0.10										
		angular	0°	±2°		cat. no.	Product - Customer Drw			sheet 2 of 3				

PRODUCT NUMBER CODE

87583 - X X X X X P X LF

BASE PRODUCT NUMBER

HOUSING COLOR OPTIONS

0- WHITE+TIN OVER NICKLE UNDERPLATE
1- BLACK+TIN OVER NICKLE UNDERPLATE
2 - WHITE+SHELL Ni PLATING ONLY
3 - BLACK+SHELL Ni PLATING ONLY
S - BLACK+SHELL Ni PLATING ONLY
(SPECIAL MATERIAL FOR 12,000 DURABILITY CYCLES)

SHELL OPTION

0 - NO BACK SHIELD

MOUNTING HOLE OPTIONS

1 - NONE

TERMINAL PLATING OPTION

0 - 50u" Ni UNDERPLATE
30u" GXT CONTACT AREA
100u" TIN TAIL AREA

PACKAGING OPTIONS

B - TUBES

R - TAPE & REEL

DATE CODE

A FOR AUTOMOTIVE APPLICATION

H FOR HPO SMT

LEAD FREE OPTION

AVAILABLE P/N LIST

87583-0010BHLF



87583-0010BLF

OB



87583-0010RLF

OB



87583-1010BLF

OB

87583-1010RPALF



87583-1010RPLF

OB

87583-2010BLF

87583-2010BPLF

87583-2010RLF

87583-2010RPLF

87583-3010BLF

87583-3010BPLF

87583-3010RPALF

87583-3010RPLF

87583-S010XPLF

(CONTINUE)

9. P/N'S WITH SUFFIX "LF" ARE LEAD FREE P/N'S

10. FOR LEAD FREE P/N, THE PRODUCT MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008

11. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRO-RED OR VAPOR PHASE REFLOW OVEN.

12. FOR AUTOMOTIVE APPLICATION: ALL THE TOLERANCES ".XX" ARE ±0.10 UNLESS OTHER SPECIAL NOTIFICATION

dr	Keen Wu	2010/11/04	projection 	MM 	size	A4	scale	4.000
eng	Li-Qing Lei	2021/04/27			ecn no	ELX-N-40522-1		
chr	-	-			rel level	Released		
appr	Tim Yao	2021/04/29	product family					
Amphenol FCI			title			UNIV. SERIAL BUS S.M.		
			cat. no.			87583		
			Product - Customer Drw			sheet 3 of 3		

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:

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[87583-2010BLF](#) [87583-2010RLF](#) [87583-3010RPALF](#) [87583-3010RPLF](#) [87583-S010BPLF](#) [87583-S010RPLF](#) [87583-1010RPALF](#) [87583-0010RHLF](#) [87583-3010BLF](#) [87583-2010BPLF](#) [87583-3010RLF](#)