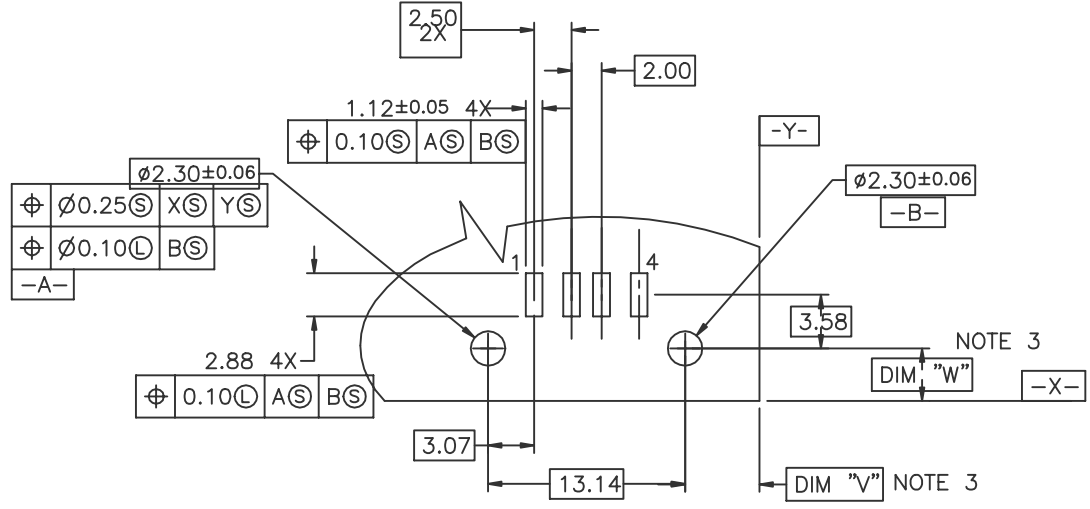
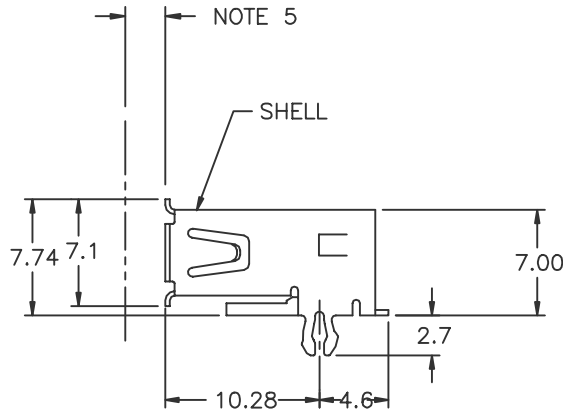
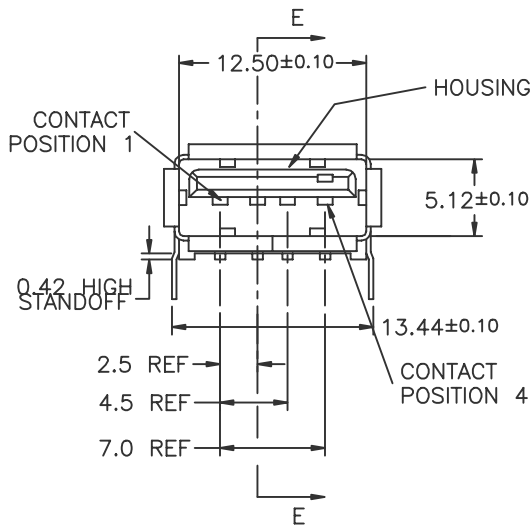
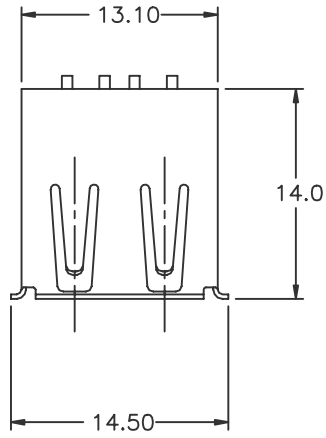




PRODUCT NO.  
SEE PRODUCT NUMBER CODE



P.C. BOARD LAYOUT

NOTES:

- MATERIAL:  
CONTACTS: COPPY ALLOY  
SHELL: COPPY ALLOY  
HOUSING: UL 94V-0 RATED THERMOPLASTIC
- PLATING:  
CONTACTS: SEE P/N CODE  
SHELL: 2.5µm BRIGHT TIN OVER NICKEL UNDERPLATE
- DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
- RECOMMENDED PC BOARD THICKNESS OF 1.57mm
- 2.67mm MAXIMUM PANEL THICKNESS IF MOUNTED BEHIND PANEL
- PRODUCT SPEC GS-12-095 & PACKAGING SPEC GS-14-393.
- COMPLIED WITH USB 2.0 & TID NUMBER 60000205.
- 87583-1010XX, AND -3010XX DURABILITY MEET 10000 CYCLES  
87583-5010XX DURABILITY MEET 5000 CYCLES. THE OTHER DASH NUMBER MEET USB 2.0 DURABILITY 1500 CYCLES  
(TO BE CONTINUED ON PAGE 3)

mat'l. code NOTE 1 & 2				tolerances unless otherwise specified		CUSTOMER COPY	FCI www.fciconnect.com
ltr	ecn no	dr	date	linear	.X ±.30	projection	
N	N05-0031	PH	02/14/05	linear	.XX ±.20	title UNIV. SERIAL BUS S.M. RECEPTACLE	
P	N05-0068	PH	03/09/05	linear	.XXX ±.10		
R	N05-0089	PH	03/24/05	angles	0° ±2°	product family USB	
S	N06-0133	HB	05/22/06	dr	PETER 3/18/98	size dwg no	code -
T	N06-0258	HB	10/11/06	engr	R Y LIU 3/18/98	scale ---	sheet 1 of 3
M	T04-0206	WL	05/13/04	appd	JENN TSAO 3/18/98	A4	87583
sheet index	revision sheet	T	P	N			
		1	2	3			

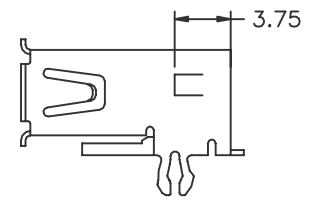
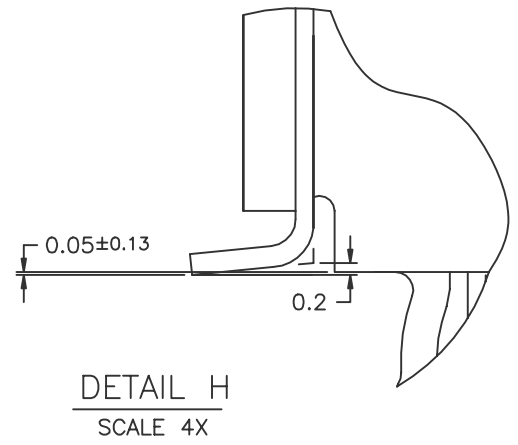
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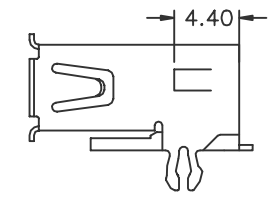
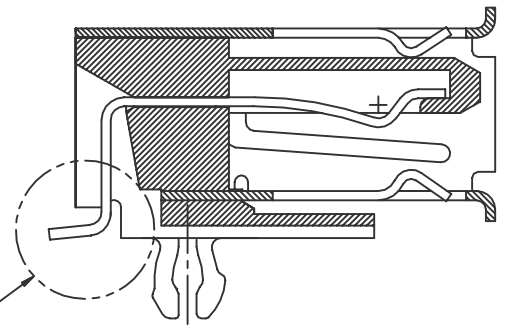
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PRODUCT NO.  
 SEE PRODUCT NUMBER CODE

1 | 2 | 3 | 4



MEET DURABILITY 1500 CYCLES P/N:  
 87583-0010XX, -2010XX, -4010XX



MEET DURABILITY 5000 OR 10000 CYCLES P/N:  
 87583-1010XX, -3010XX, -5010XX

DETAIL H

mat'l. code NOTE 1 & 2				tolerances unless otherwise specified			CUSTOMER COPY		FCI www.fciconnect.com	
ltr	ecn no	dr	date	linear	.X ±.30			projection	title	
P					.XX ±.20				UNIV. SERIAL BUS S.M. RECEPTACLE	
					.XXX ±.10				product family USB	
				angles	0° ±2°			mm	code	
				dr	PETER PAM	3/18/98	scale 2:1		-	
				enr	R Y LIU	3/18/98		size dwg no		
				chr	R Y LIU	3/18/98		A4		
				appd	JENN TSAO	3/18/98		87583		
sheet index	revision sheet							sheet 2 of		

form no. 7530-001-103

1 | 2 | 3 | 4

cage code  
22526

STATUS: Released  
 PDM: Rev:T  
 Printed: Dec 14, 2006

# PRODUCT NUMBER CODE

87583 - X X X X X P A LF

BASE PRODUCT NUMBER

HOUSING COLOR OPTIONS

- 0 - WHITE+TIN OVER NICKEL UNDERPLATE
- 1 - BLACK+TIN OVER NICKEL UNDERPLATE
- 2 - WHITE+SHELL Ni PLATING ONLY
- 3 - BLACK+SHELL Ni PLATING ONLY
- 4 - WHITE+SHELL Ni PLATING & TIN LEAD ON PEGS;  
WHITE+SHELL Ni PLATING FOR LEAD FREE OPTION
- 5 - BLACK+SHELL Ni PLATING & TIN LEAD ON PEGS;  
BLACK+SHELL Ni PLATING FOR LEAD FREE OPTION

SHELL OPTION

- 0 - NO BACK SHIELD

MOUNTING HOLE OPTIONS

- 1 - NONE

TERMINAL PLATING OPTION

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

PACKAGING OPTIONS

- B - TUBES
- R - TAPE & REEL

DATE CODE

FOR AUTOMOTIVE APPLICATION

LEAD FREE OPTION

IF LEAD FREE OPTION SELECTED, ALL ORIGINAL TIN/LEAD PLATING IS CHANGED TO PURE TIN PLATING

(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

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY		FCJ www.fciconnect.com	
NOTE 1 & 2										
ltr	ecn no	dr	date	linear	.X ±.30			projection	title	
P					.XX ±.20				UNIV. SERIAL BUS S.M. RECEPTACLE	
					.XXX ±.10					
				angles	0° ±2°				product family	
				dr	PETER	3/18/98	USB		code	
				engr	R Y LIU	3/18/98	size		-	
				chr	R Y LIU	3/18/98	dwg no		sheet	
				appd	JENN TSAO	3/18/98	scale	A4	87583	3 of
sheet index	revision sheet									

cage code 22526

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