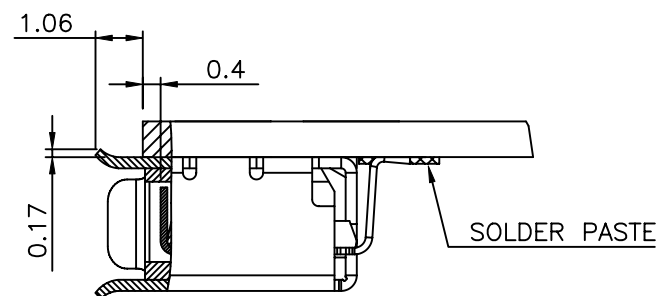
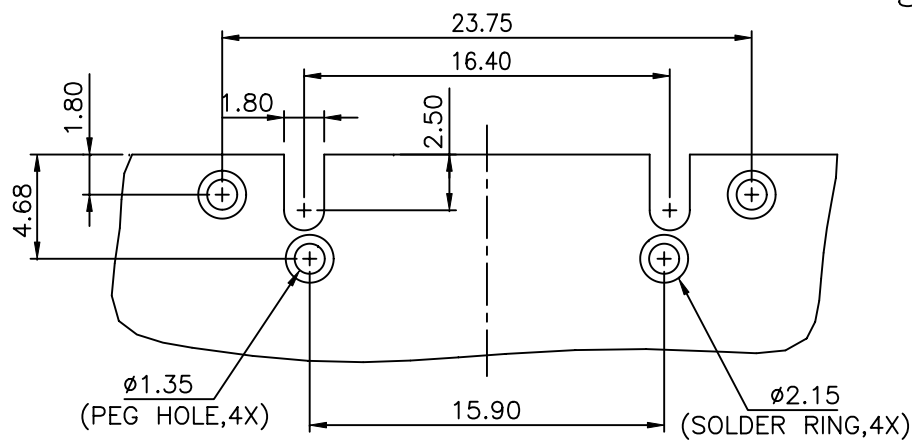
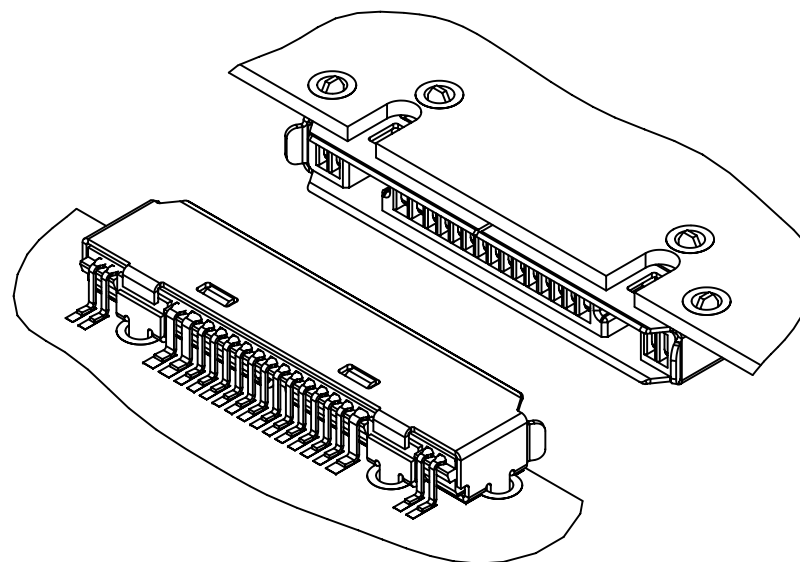


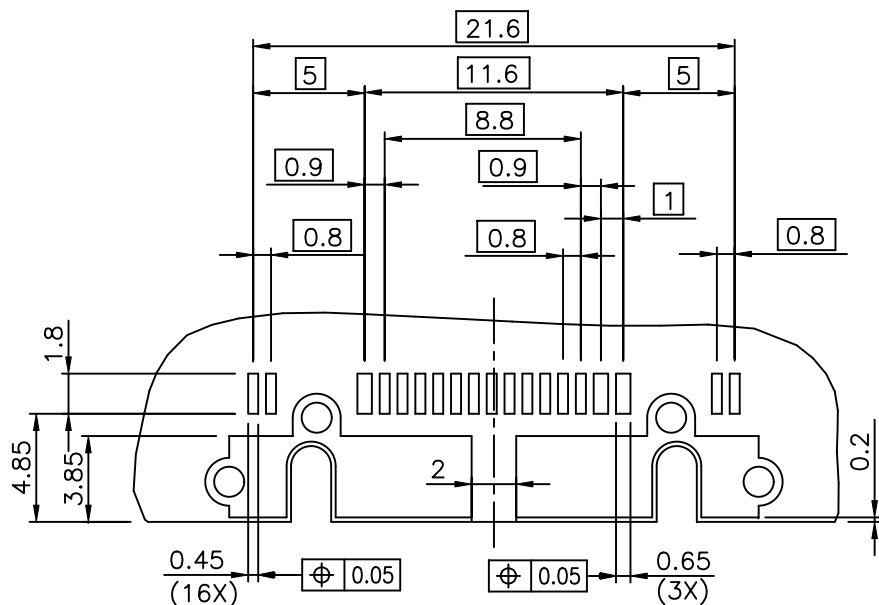
## RECOMMENDED PCB LAYOUT



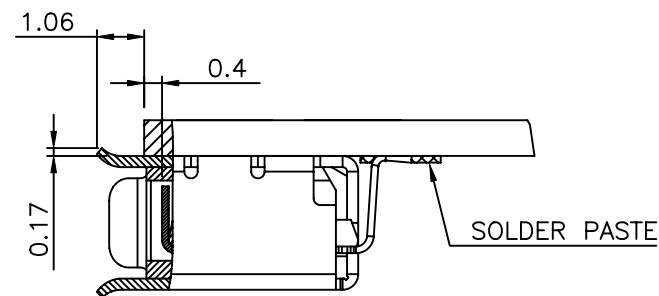
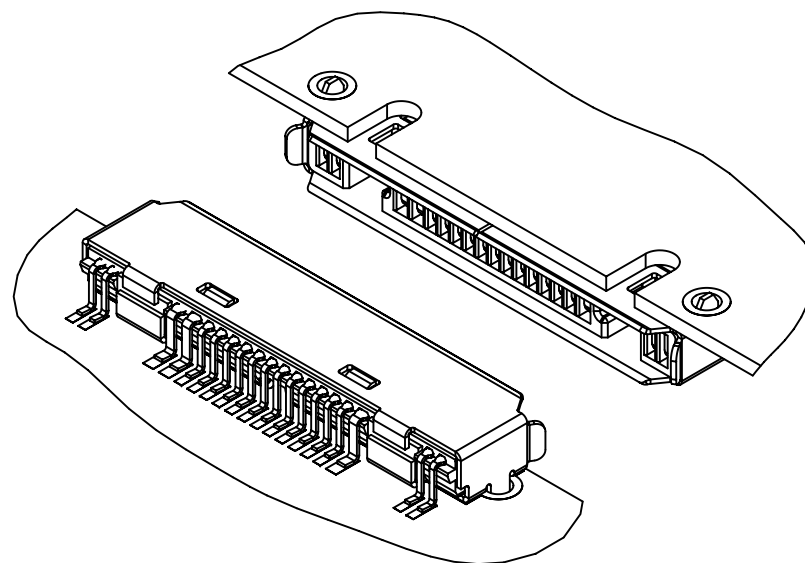
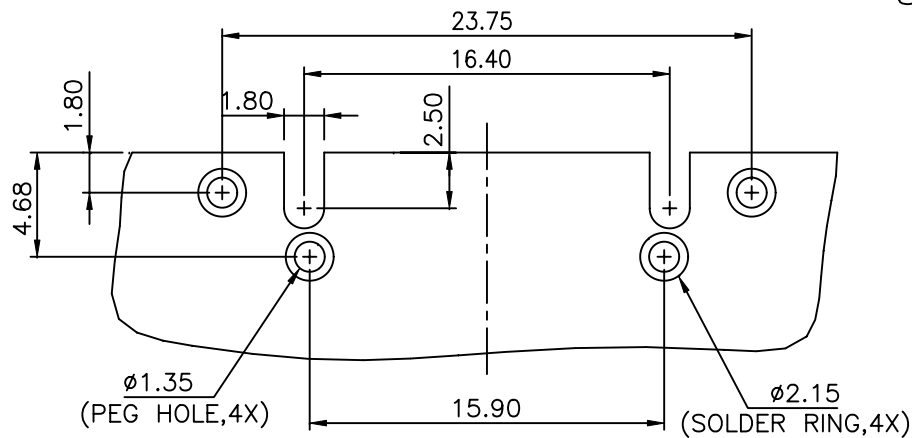
SECTION B-B  
SCALE 2:1

[illegible]






RECOMMENDED PCB LAYOUT



SECTION B-B  
SCALE 2:1

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		 <a href="http://www.fciconnect.com">www.fciconnect.com</a>			
ltr	ecr no	dr	date	linear	.X ± 0.20	projection		title			
N					.XX ± 0.10			IN-PHONE RECEPTACLE 19 POS. ASSEMBLY			
				angles	0° ± 2°						
				dr	J.Gibbels 10/28/99			product family		MOBILE I/O	
				engr	H.Vereijken 10/28/99			size		dwg no	
				chr	H.van-der-Steen 10/28/99					code	
				appd	JOSEPH HSIA 10/28/99					TWN	
								scale		sheet	
								3:1		4 of	
sheet index	revision sheet										



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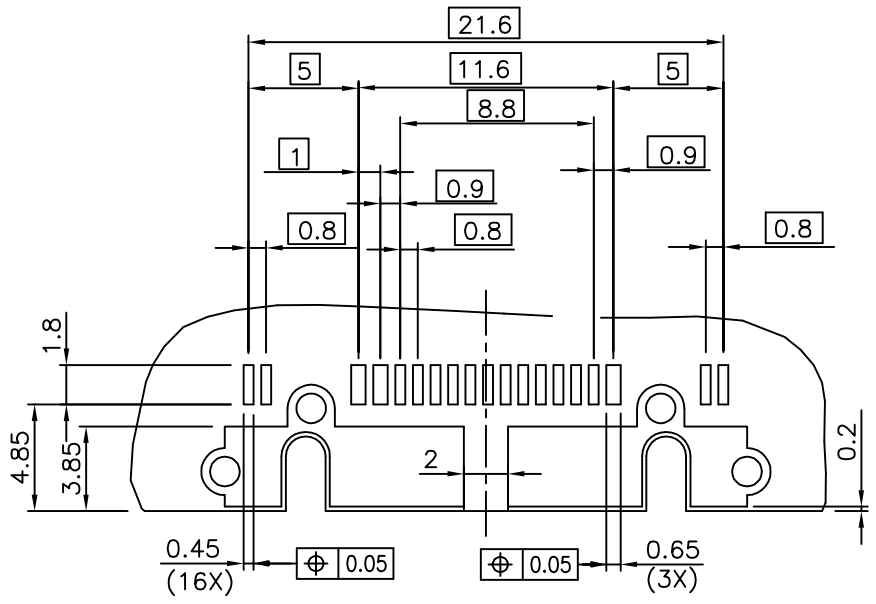
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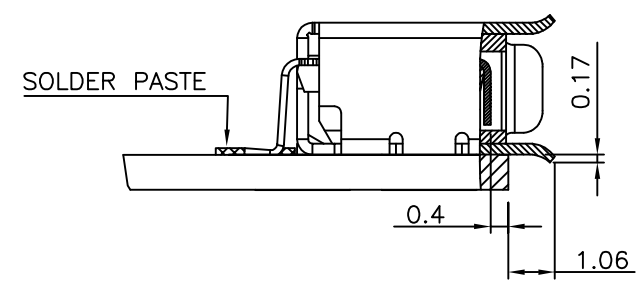
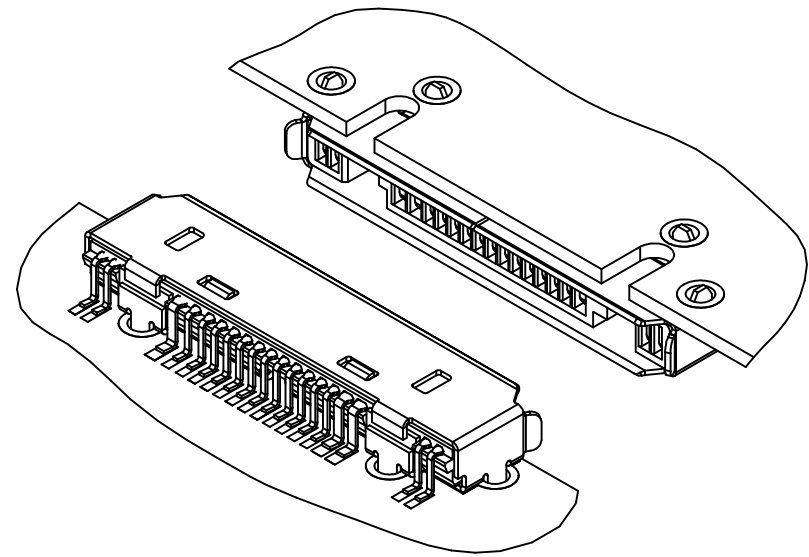
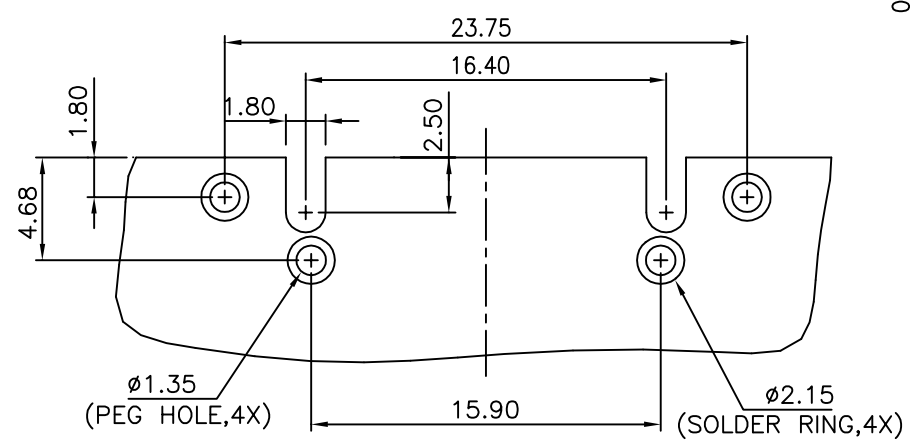
1 | 2

3 |


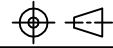
4



RECOMMENDED PCB LAYOUT



SECTION B-B  
SCALE 2:1

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	 www.fciconnect.com		
ltr	ecn no	dr	date	linear	.X ± 0.20				
P					.XX ± 0.10	projection	title IN-PHONE RECEPTACLE 19 POS. ASSEMBLY		
				angles	0° ± 2°				
				dr	J.Gibbels 10/28/99	MM	product family	MOBILE I/O	code
				engr	H.Vereijken 10/28/99		size	dwg no	TWN
				chr	H.van-der-Steen 10/28/99	scale	A4	54040	sheet
				appd	JOSEPH HSIA 10/28/99	3:1			6 of
sheet index	revision	sheet							

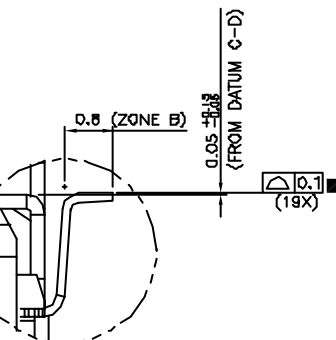
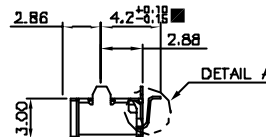
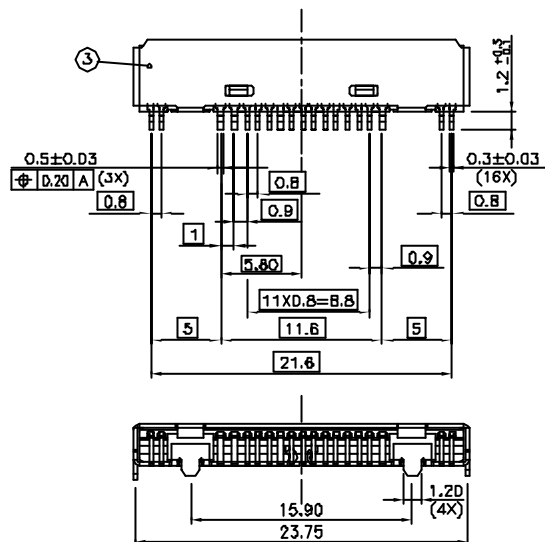
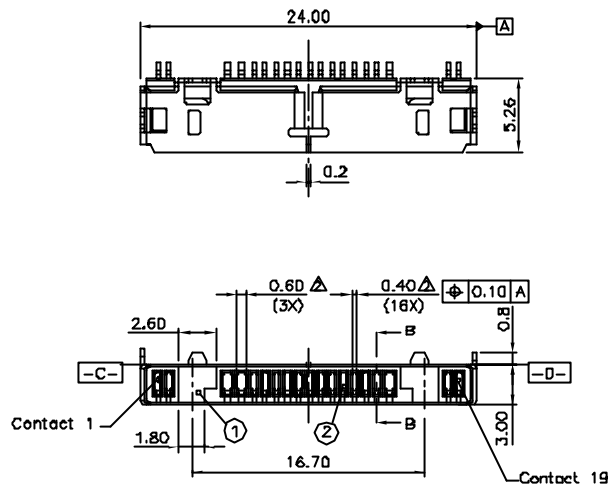
1 | 2



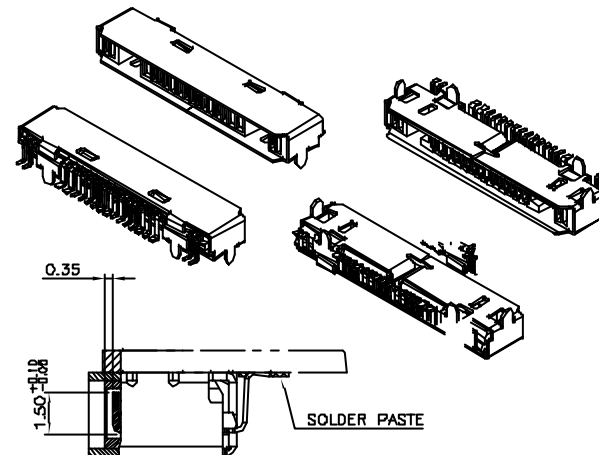
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PRODUCT NUMBER	REMARK
54040-005-LF	BOTTOM MOUNT



DETAIL A  
SCALE 4:1



SECTION B-B  
SCALE 2:1

- NOTES:
1. MATERIAL
    - 1-1  $\odot$  HOUSING: HIGH TEMP. PLASTIC, LCP OR EQUIVALENT, UL94V-0, COLOR BLACK.
    - 1-2  $\odot$  CONTACT: COPPER ALLOY, THICKNESS:  $0.15 \pm 0.02$  mm. RAW MAT'L MUST SUPPLIED BY NIPPON MINING.
    - 1-3  $\odot$  SHIELD: STAINLESS STEEL, THICKNESS:  $0.25 \pm 0.03$  mm.
  2. FINISH
    - 2-1 CONTACT: Ni  $1.2\mu\text{m}(50\text{u})$  UNDERPLATED ALL OVER,
      - ZONE A:  $0.76\mu\text{m}$  Au.
      - ZONE B: PURE Sn  $2.5\mu\text{m}$  FOR 54040-005-LF ; EXCEPT CUT-OFF EDGES.
      - ZONE B: MATTE PURE TIN  $2.5\sim 5\mu\text{m}(100\sim 200\text{u})$ . (FOR LEAD FREE PLATING) EXCEPT CUT-OFF EDGES.
    - 2-2 SHIELD: Ni  $1.2\mu\text{m}(50\text{u})$
  3. PACKAGE
    - 3-1 PACKAGING SPECIFICATION: GS-14-832, PRODUCT TO BE TAPED ON REEL PACKED.
  4. WIDTH OF CONTACT
 

CONTACT POSITION	WIDTH
3,4,17	0.8 mm
OTHERS	0.4 mm
  5. RECOMMENDED PCB LAYOUT
    - 5-1 THE SHIELD FOUR PEGS AND BOTTOM SURFACE SHOULD BE SOLDERED.
  6. SUFFIX "-LF" OF 54040-001-LF MEANS FOR LEAD FREE PRODUCT. 54040-005-LF CAN MEETS EUROPEAN UNION OR OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008. LEAD FREE LABEL ON REEL & CARTON OF 54040-005-LF PER GS-14-92D
  7. THE HOUSING WILL WITHSTAND EXPOSURE TO  $260^\circ$  PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	
ltr	ecn no	dr	date	linear	.X $\pm$ 0.20	projection	title
A				linear	.XX $\pm$ 0.10		IN-PHONE RECEPTACLE 19 POS. ASSEMBLY
				angles	0° $\pm$ 2°	MM	product family MOBILE I/O
				dr	J.Gibbels 10/28/98	scale	size dwg no
				engr	H.Verelken 10/28/98	2:1	54040
				chr	H.van-der-Sloot 10/28/98		code
				appd	JOSEPH HSIA 10/28/98		TWN
sheet index	revision						sheet
	sheet						8 of

cage code  
22526

ACAD

PDM: Rev:T

STATUS: Released

Printed: May 15, 2006