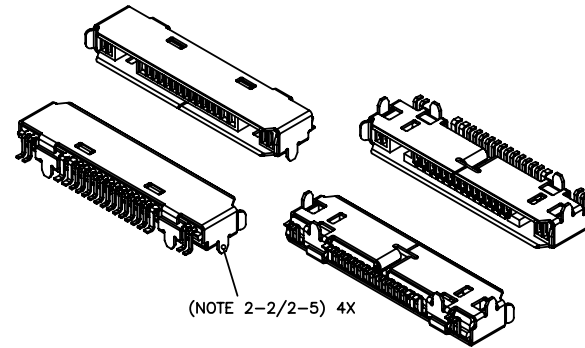
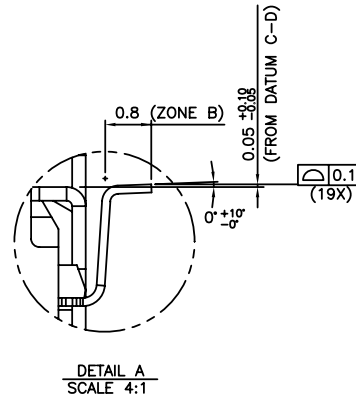
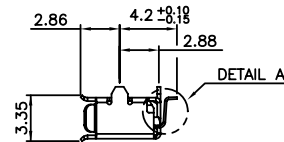
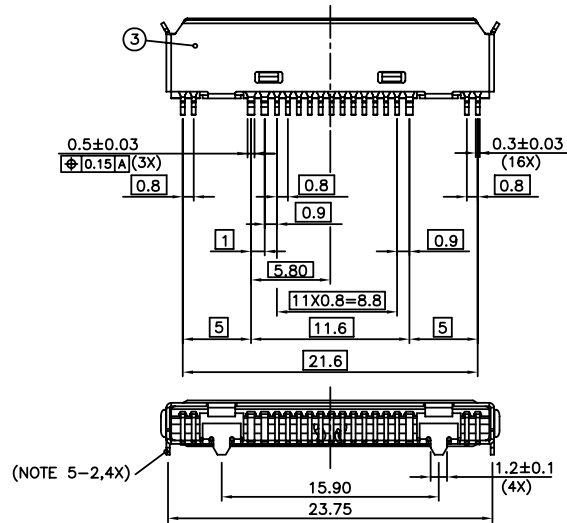
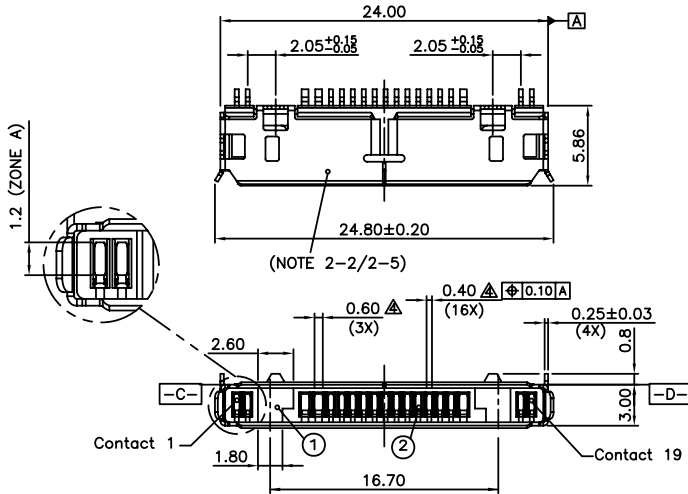




PRODUCT NUMBER	REMARK
54040-001-LF	BOTTOM MOUNT



- NOTES:
- MATERIAL
 - HOUSING: HIGH TEMP. PLASTIC, LCP OR EQUIVALENT. UL94V-0, COLOR BLACK.
 - CONTACT: COPPER ALLOY. THICKNESS: 0.15±0.02 mm. RAW MAT'L MUST SUPPLIED BY NIPPON MINING.
 - SHIELD: STAINLESS STEEL. THICKNESS: 0.25±0.03 mm.
 - FINISH
 - CONTACT: Ni 1.2um(50u") UNDERPLATED ALL OVER,
 - ZONE A: 0.76um Au.
 - ZONE B: PURE Sn 2.5 um FOR 54040-001-LF; EXCEPT CUT-OFF EDGES.
 - ZONE B: MATTE PURE TIN 2.5~5um(100~200u"). (FOR LEAD FREE PLATING) EXCEPT CUT-OFF EDGES.
 - SHIELD: Ni 1.2um(50u")
 - PACKAGE
 - PACKAGING SPECIFICATION: GES-14-532, PRODUCT TO BE TAPED ON REEL PACKED.
 - WIDTH OF CONTACT

CONTACT POSITION	WIDTH
3,4,17	0.6 mm
OTHERS	0.4 mm
 - RECOMMENDED PCB LAYOUT
 - SEE SHEET 2.
 - THE SHIELD FOUR PEGS AND BOTTOM SURFACE SHOULD BE SOLDERED.
 - SUFFIX "-LF" OF 54040-001-LF MEANS FOR LEAD FREE PRODUCT. 54040-001-LF CAN MEETS EUROPEAN UNION D OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008. LEAD FREE LABEL ON REEL & CARTON OF 54040-001-LF PER GS-14-920
 - THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN

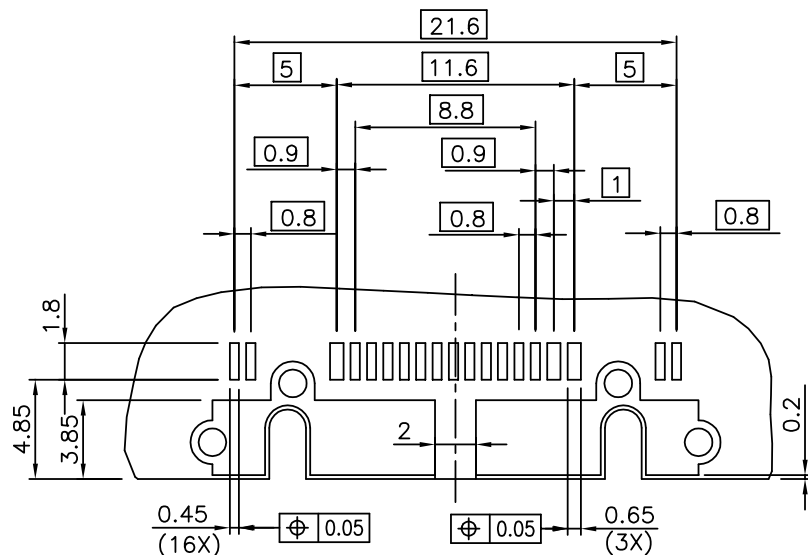
mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI			
ltr	ecn no	dr	date	linear	angles	projection	title	www.fciconnect.com			
N	T04-0213	M W	05/27/04								
P	pg04-0056	P M	08/09/04								
R	pg04-0096	P M	12/13/04								
S	pg04-0105	P M	12/24/04	dr	J.Gibbels	10/28/99					
T	pg05-0574	P M	01/03/06	enr	H.Vereijken	10/28/99					
U	pg06-0452	C L	11/03/06	chr	H.van-der-Steen	10/28/99					
V	pg07-0091	C L	03/19/07	appd	JOSEPH HSIA	10/28/99					
sheet index	revision sheet	V	P	S	P	R	R	S	B		
		1	2	3	4	5	6	7	8		

CUSTOMER COPY				FCI			
projection	title	product family	MOBILE I/O	code	size	dwg no	TWN
	IN-PHONE RECEPTACLE 19 POS. ASSEMBLY						
MM							
scale	2:1	A4	54040	sheet 1 of 8			
				cage code 22526			

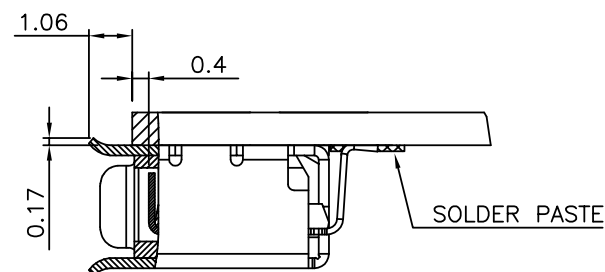
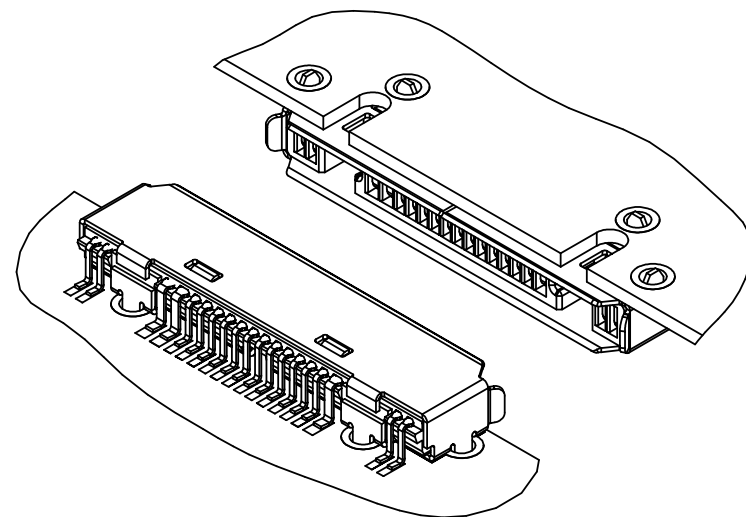
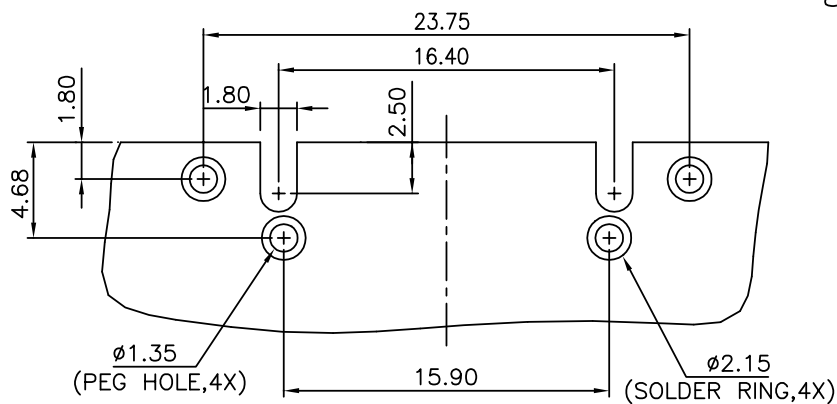
1 | 2

3 |

4



RECOMMENDED PCB LAYOUT



SECTION B-B
SCALE 2:1

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

1 | 2

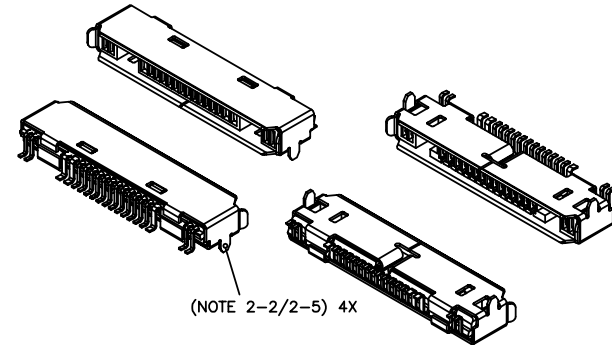
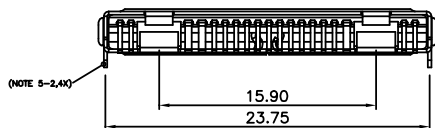
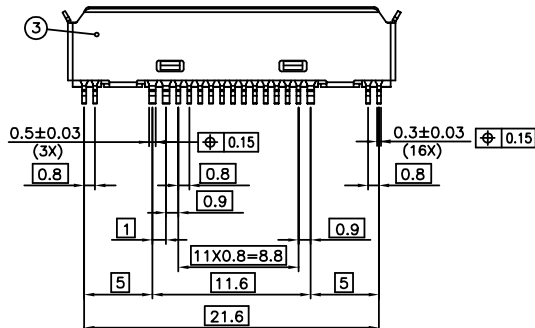
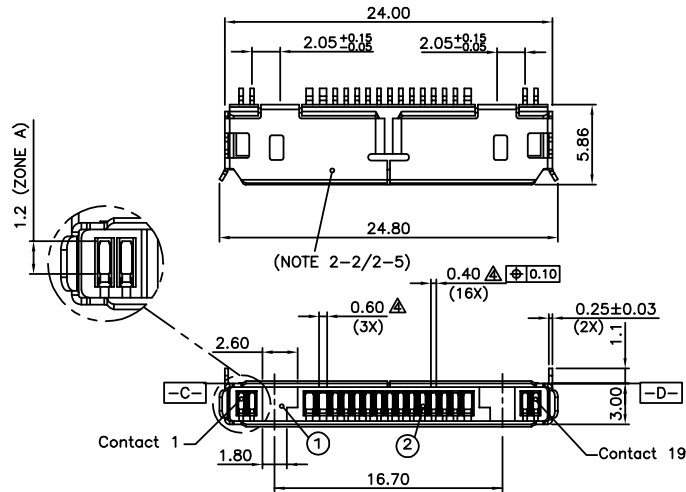
3 |

4

ACAD

cage code
22526

PRODUCT NUMBER	REMARK
54040-002-LF	BOTTOM MOUNT



(NOTE 2-2/2-5) 4X

NOTES:

1. MATERIAL
1-1 1 HOUSING: HIGH TEMP. PLASTIC, LCP OR EQUIVALENT. UL94V-0, COLOR BLACK.
1-2 2 CONTACT: COPPER ALLOY. THICKNESS: 0.15±0.02 mm. RAW MAT'L MUST SUPPLIED BY NIPPON MINING.
1-3 3 SHIELD: STAINLESS STEEL. THICKNESS: 0.25±0.03 mm.
2. FINISH
2-1 CONTACT: Ni 1.2um(50u") UNDERPLATED ALL OVER, --ZONE A: 0.76um Au. --ZONE B: PURE Sn 2.5 um(100u") FOR 54040-002-LF EXCEPT CUT-OFF EDGES.
2-2 SHIELD: Ni 1.2um(50u")

3. PACKAGE

3-1 PACKAGING SPECIFICATION: GES-14-532, PRODUCT TO BE TAPED ON REEL PACKED.

4. WIDTH OF CONTACT

CONTACT POSITION	WIDTH
3,4,17	0.6 mm
OTHERS	0.4 mm

5. RECOMMENDED PCB LAYOUT

- 5-1 SEE SHEET 2.
- 5-2 THE SHIELD FOUR PEGS AND BOTTOM SURFACE SHOULD BE SOLDERED.

6. SUFFIX "-LF" OF 54040-002-LF MEANS FOR LEAD FREE PRODUCT. 54040-002-LF CAN MEETS EUROPEAN UNION D OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008. LEAD FREE LABEL ON REEL & CARTON OF 54040-002-LF PER GS-14-920

7. THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN

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

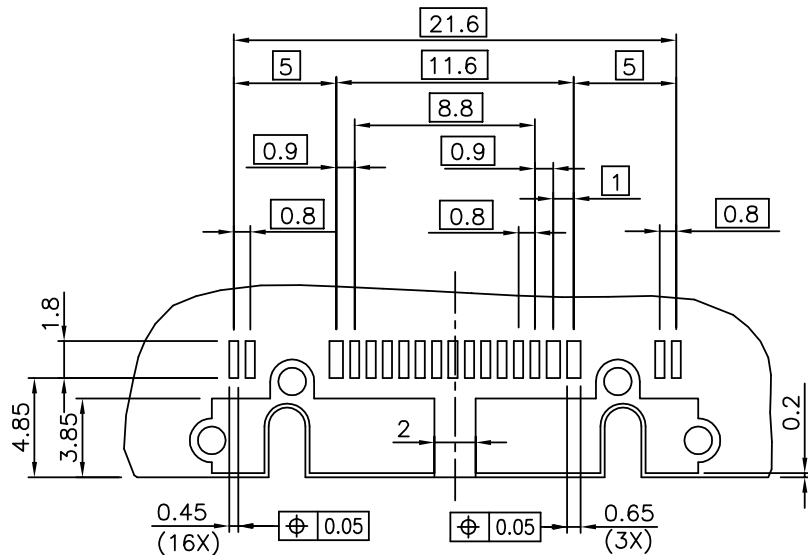
cage code
22526

ACAD

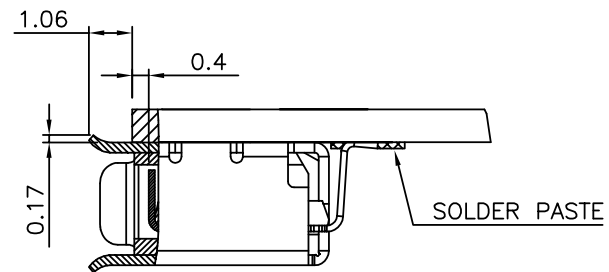
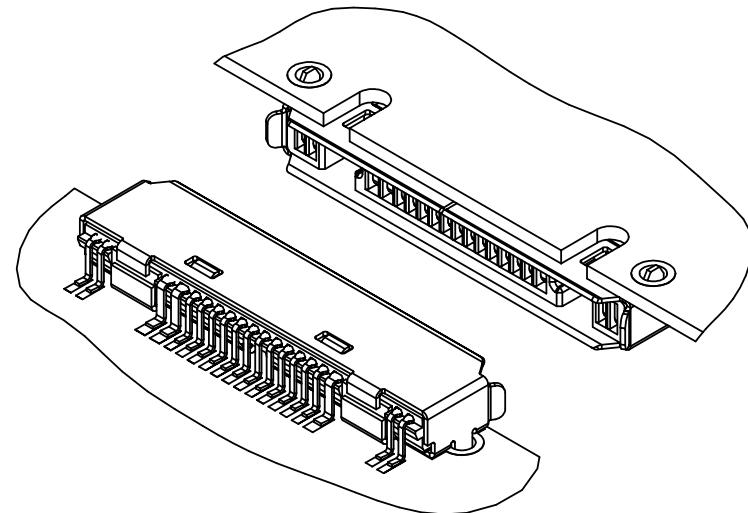
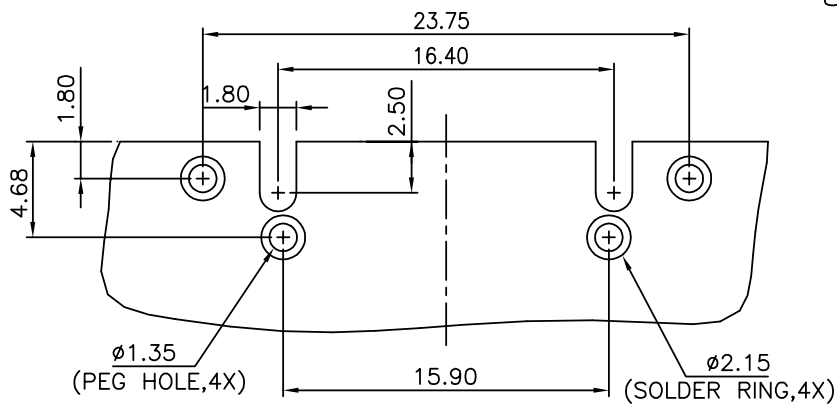
PDM: Rev:V

STATUS: Released

Printed: May 27, 2010



RECOMMENDED PCB LAYOUT

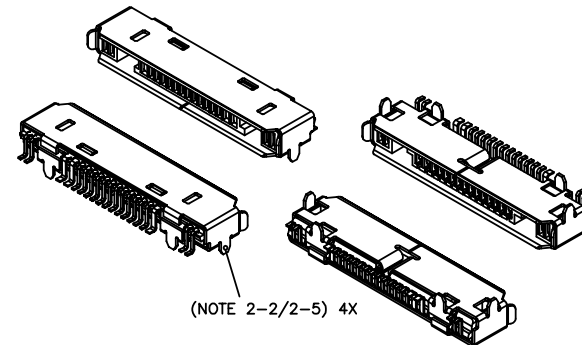
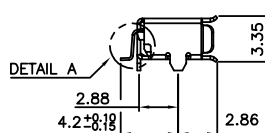
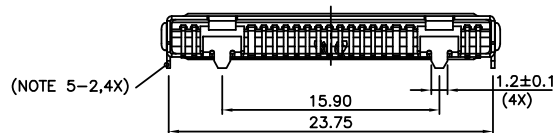
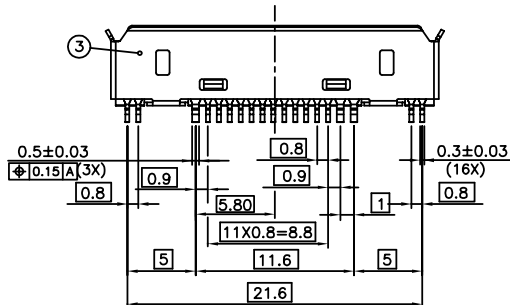
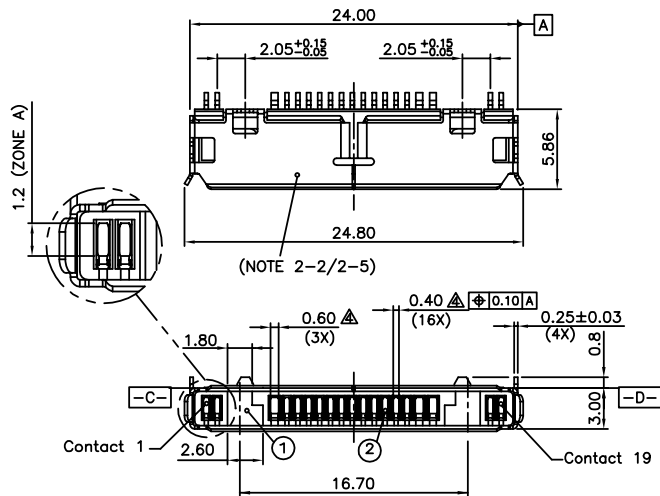


SECTION B-B
SCALE 2:1

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI  www.fciconnect.com		
ltr	ecn no	dr	date	linear	.X ± 0.20		projection 	title IN—PHONE RECEPTACLE 19 POS. ASSEMBLY		
P					.XX ± 0.10					
				angles	0° ± 2'					
		dr	J.Gibbels		10/28/99	MM ←————→	product family		MOBILE I/O	code
		enr	H.Vereijken		10/28/99		size	dwg no	TWN	
		chr	H.van-der-Steen		10/28/99					
		appd	JOSEPH HSIA		10/28/99	scale 3:1	A4	54040		sheet 4 of
sheet index	revision sheet									

cage code
22526

PRODUCT NUMBER	REMARK
54040-003-LF	TOP MOUNT



NOTES:

1. MATERIAL

- 1-1 ① HOUSING: HIGH TEMP. PLASTIC, LCP OR EQUIVALENT. UL94V-0, COLOR BLACK.
- 1-2 ② CONTACT: COPPER ALLOY, THICKNESS: 0.15±0.02 mm. RAW MAT'L MUST SUPPLIED BY NIPPON MINING.
- 1-3 ③ SHIELD: STAINLESS STEEL. THICKNESS: 0.25±0.03 mm.

2. FINISH

- 2-1 CONTACT: Ni 1.2um(50u") UNDERPLATED ALL OVER, --ZONE A: 0.76um Au. --ZONE B: PURE Sn 2.5 um FOR 54040-003-LF EXCEPT CUT-OFF EDGES. OR --ZONE B: MATTE PURE TIN 2.5~5um(100~200u"). (FOR LEAD FREE PLATING) EXCEPT CUT-OFF EDGES.
- 2-2 SHIELD: Ni 1.2um(50u")

3. PACKAGE

- 3-1 PACKAGING SPECIFICATION: GES-14-532, PRODUCT TO BE TAPED ON REEL PACKED.

4. WIDTH OF CONTACT

CONTACT POSITION	WIDTH
3,4,17	0.6 mm
OTHERS	0.4 mm

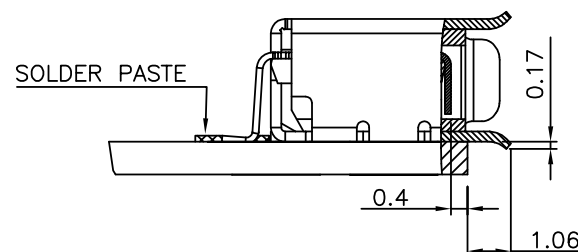
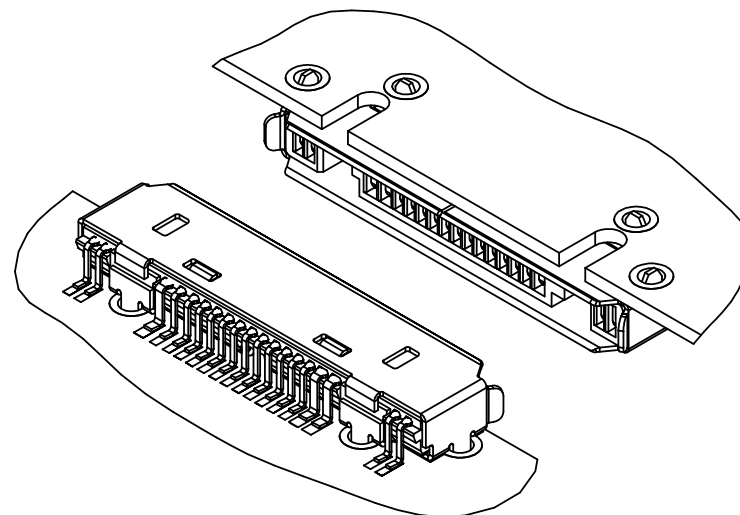
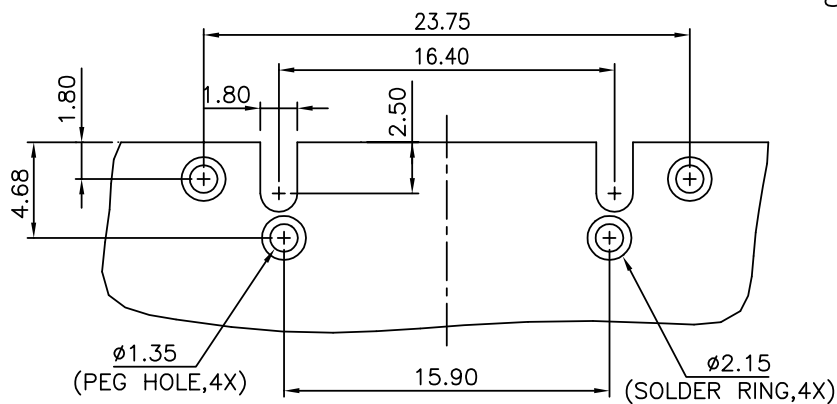
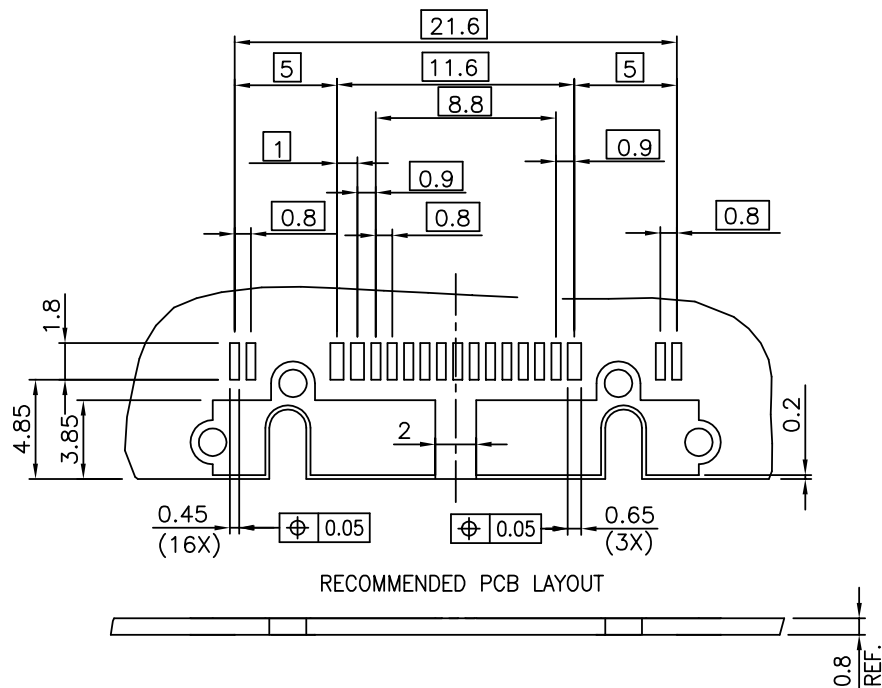
5. RECOMMENDED PCB LAYOUT

- 5-1 SEE SHEET 2.
- 5-2 THE SHIELD FOUR PEGS AND BOTTOM SURFACE SHOULD BE SOLDERED.

6. SUFFIX "-LF" OF 54040-003-LF MEANS FOR LEAD FREE PRODUCT. 54040-003-LF CAN MEETS EUROPEAN UNION D OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008. LEAD FREE LABEL ON REEL & CARTON OF 54040-003-LF PER GS-14-920

7. THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN

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

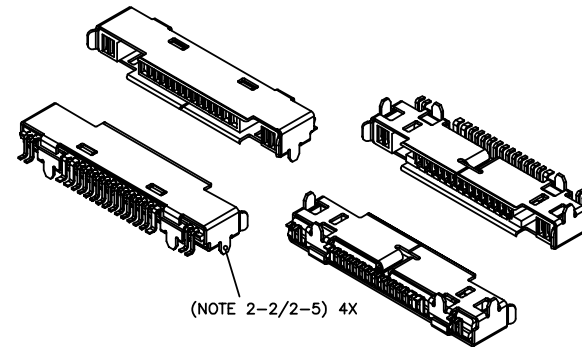
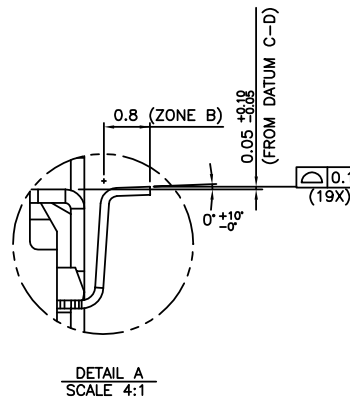
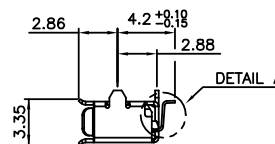
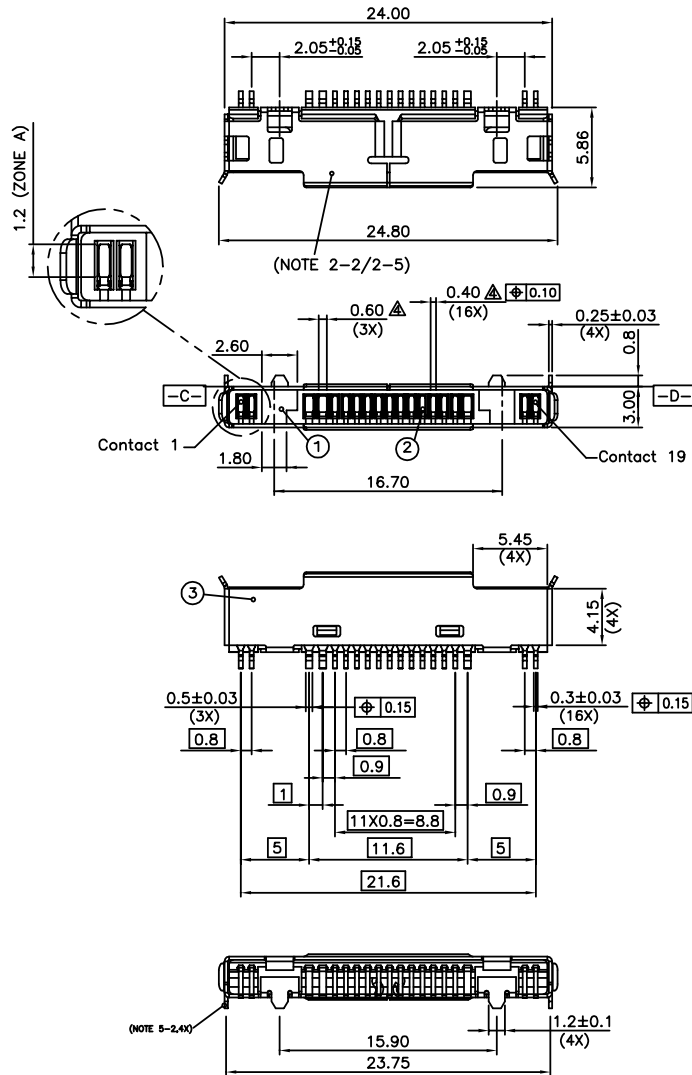


mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	FCI		
ltr	ecn no	dr	date	linear	.X ± 0.20 .XX ± 0.10		www.fciconnect.com		
R				angles	0° ± 2°	projection	title IN-PHONE RECEPTACLE 19 POS. ASSEMBLY		
				dr	J.Gibbels 10/28/99	MM			
				enr	H.Vereijken 10/28/99	scale	product family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

cage code
22526

ACAD

PRODUCT NUMBER	REMARK
54040-004-LF	BOTTOM MOUNT



(NOTE 2-2/2-5) 4X

NOTES:

- MATERIAL
 - HOUSING: HIGH TEMP. PLASTIC, LCP OR EQUIVALENT. UL94V-0, COLOR BLACK.
 - CONTACT: COPPER ALLOY. THICKNESS: 0.15±0.02 mm. RAW MAT'L MUST SUPPLIED BY NIPPON MINING.
 - SHIELD: STAINLESS STEEL. THICKNESS: 0.25±0.03 mm.
- FINISH
 - CONTACT: Ni 1.2um(50u") UNDERPLATED ALL OVER,
 - ZONE A: 0.76um Au.
 - ZONE B: PURE Sn 2.5 um FOR 54040-004-LF EXCEPT CUT-OFF EDGES.
 - SHIELD: Ni 1.2um(50u")

3. PACKAGE

- PACKAGING SPECIFICATION: GES-14-532, PRODUCT TO BE TAPED ON REEL PACKED.

4. WIDTH OF CONTACT

CONTACT POSITION	WIDTH
3,4,17	0.6 mm
OTHERS	0.4 mm

5. RECOMMENDED PCB LAYOUT

- SEE SHEET 2.
- THE SHIELD FOUR PEGS AND BOTTOM SURFACE SHOULD BE SOLDERED.

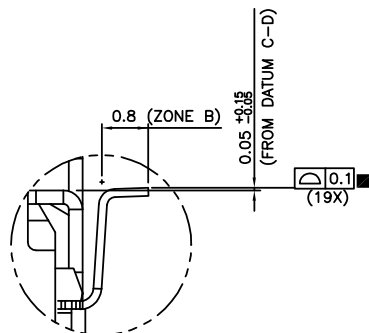
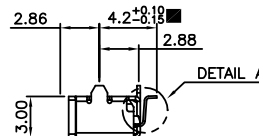
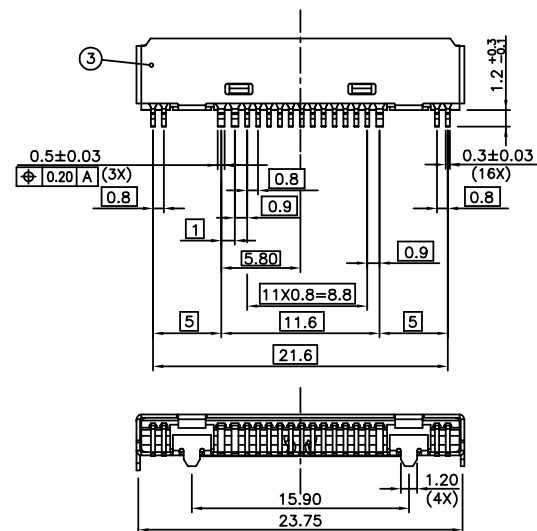
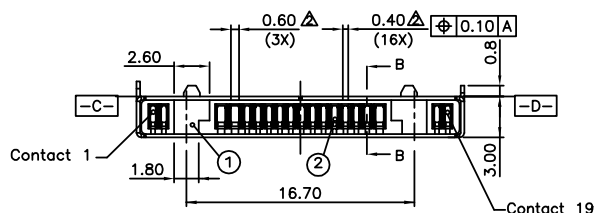
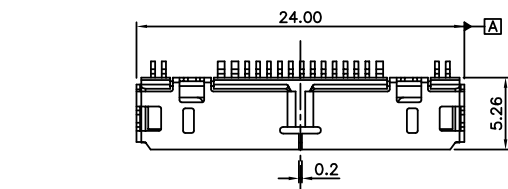
- SUFFIX "-LF" OF 54040-004-LF MEANS FOR LEAD FREE PRODUCT. 54040-004-LF CAN MEETS EUROPEAN UNION D OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008. LEAD FREE LABEL ON REEL & CARTON OF 54040-004-LF PER GS-14-920.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI	
ltr	ecn no	dr	date	linear	.X ± 0.20 .XX ± 0.10	projection	title	www.fciconnect.com	
S				angles	0° ± 2°	MM	IN-PHONE RECEPTACLE 19 POS. ASSEMBLY	product family	MOBILE I/O
				dr	J.Gibbels 10/28/99	scale	size	dwg no	code
				enr	H.Vereijken 10/28/99	2:1	A4	54040	TWN
				chr	H.van-der-Steen 10/28/99				sheet
				appd	JOSEPH HSIA 10/28/99				7 of
sheet index	revision sheet								

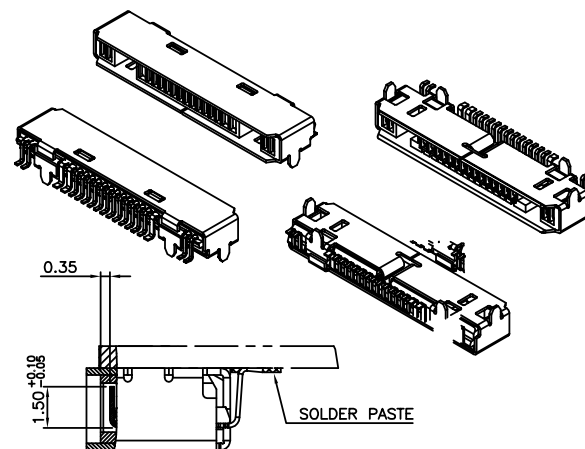
cage code
22526

ACAD

PRODUCT NUMBER	REMARK
54040-005-LF	BOTTOM MOUNT



DETAIL A
SCALE 4:1



SECTION B-B
SCALE 2:1

NOTES:

- MATERIAL
 - HOUSING: HIGH TEMP. PLASTIC, LCP OR EQUIVALENT. UL94V-0, COLOR BLACK.
 - CONTACT: COPPER ALLOY. THICKNESS: 0.15±0.02 mm. RAW MAT'L MUST SUPPLIED BY NIPPON MINING.
 - SHIELD: STAINLESS STEEL. THICKNESS: 0.25±0.03 mm.
- FINISH
 - CONTACT: Ni 1.2um(50u") UNDERPLATED ALL OVER,
 - ZONE A: 0.78um Au.
 - ZONE B: PURE Sn 2.5 um FOR 54040-005-LF ; EXCEPT CUT-OFF EDGES.
 - ZONE B: MATTE PURE TIN 2.5~5um(100~200u"). (FOR LEAD FREE PLATING) EXCEPT CUT-OFF EDGES.
 - SHIELD: Ni 1.2um(50u")
- PACKAGE
 - PACKAGING SPECIFICATION: GES-14-532, PRODUCT TO BE TAPED ON REEL PACKED.
- WIDTH OF CONTACT

CONTACT POSITION	WIDTH
3,4,17	0.6 mm
OTHERS	0.4 mm
- RECOMMENDED PCB LAYOUT
 - THE SHIELD FOUR PEGS AND BOTTOM SURFACE SHOULD BE SOLDERED.
- SUFFIX "-LF" OF 54040-001-LF MEANS FOR LEAD FREE PRODUCT. 54040-005-LF CAN MEETS EUROPEAN UNION D OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008. LEAD FREE LABEL ON REEL & CARTON OF 54040-005-LF PER GS-14-920
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI	
ltr	ecn no	dr	date	linear	.X ± 0.20	projection	title	www.fciconnect.com	
B				angles	.XX ± 0.10	MM	IN-PHONE RECEPTACLE 19 POS. ASSEMBLY		
				dr	J.Gibbels 10/28/99	scale	product family	MOBILE I/O	code
				enr	H.Vereijken 10/28/99	2:1	size dwg no	54040	TWN
				chr	H.van-der-Steen 10/28/99				sheet
				appd	JOSEPH HSIA 10/28/99				8 of
sheet index	revision sheet								

cage code
22526

ACAD

PDM: Rev:V

STATUS: Released

Printed: May 27, 2010