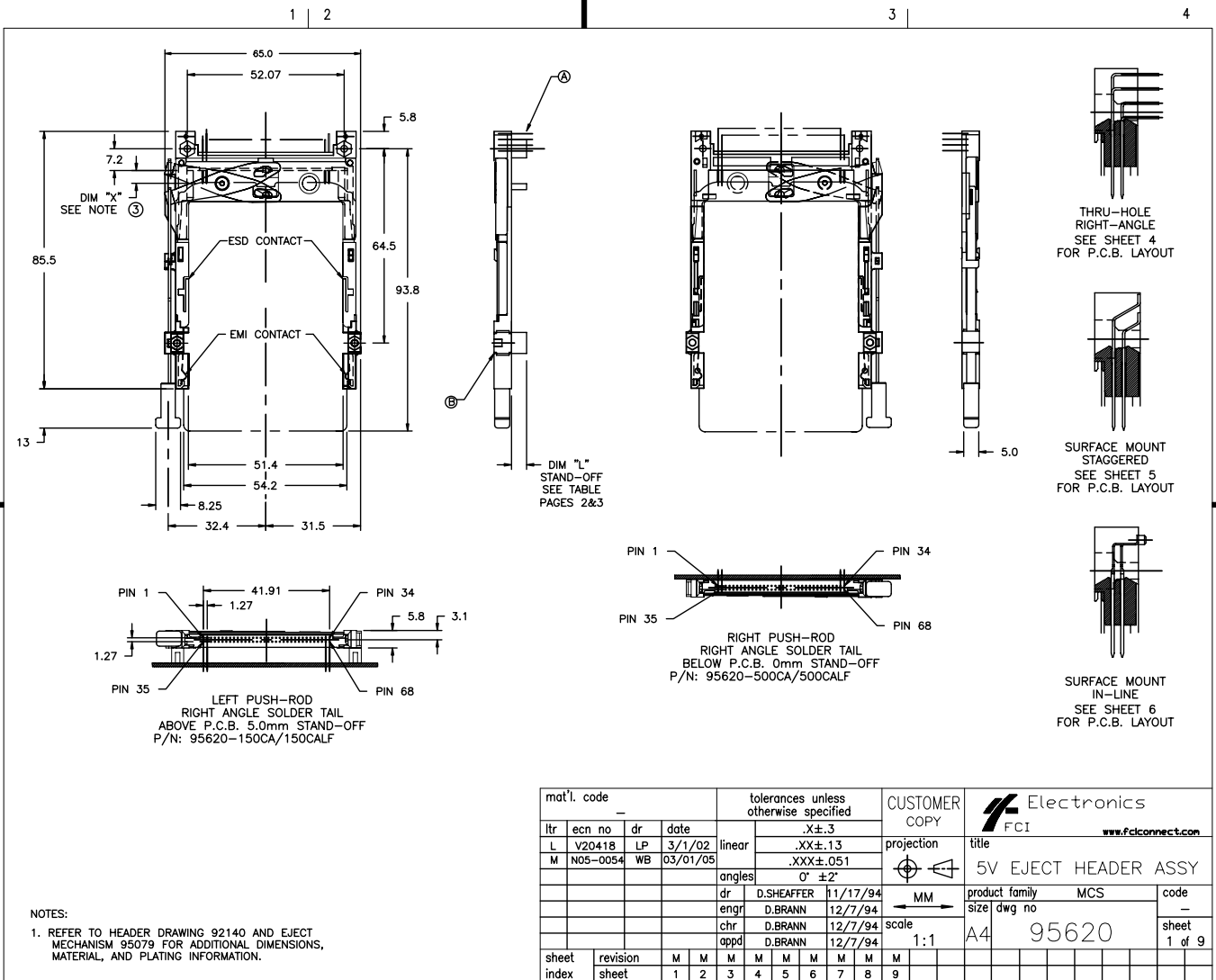


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DESCRIPTION: ABOVE P.C.B., DECK AND PUSH-ROD LOCATION ARE AS VIEWED BY USER.

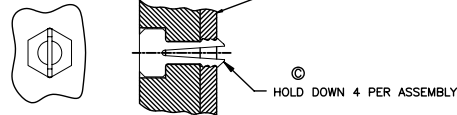
PRODUCT NO. 95620-XXXXX	PUSH ROD LOCATION	SOLDER TAIL ⑤	STAND-OFF HEIGHT DIM "L"	EJ. HEADER ASSY 92140-XXX ④	EJ. MECHANISM ASSY 95079-XXXX ⑥	SOLDERABLE HOLD DOWN (4) ③	MOUNTING STYLE TO PCB AND PUSH-ROD LOCATION	USED WITH/COMMENTS
000CA	RIGHT	R/A	0.0	000	00CA			
000CAH ⑦	RIGHT	R/A	0.0	000	00CA	93925-001		
001CA	RIGHT	SMT-STG	0.0	001	00CA			
002CA	RIGHT	SMT-IL	0.0	002	00CA			
020CA	RIGHT	R/A	2.0	040	02CA			
040CA	RIGHT	R/A	4.0	010	04CA			
050CA	RIGHT	R/A	5.0	020	05CA			
050CAH ⑦	RIGHT	R/A	5.0	020	05CA	93925-004		
100CA	LEFT	R/A	0.0	000	10CA			
100CAH ⑦	LEFT	R/A	0.0	000	10CA	93925-001		
101CA	LEFT	SMT-STG	0.0	001	10CA			
102CA	LEFT	SMT-IL	0.0	002	10CA			
120CA	LEFT	R/A	2.0	040	12CA			
140CA	LEFT	R/A	4.0	010	14CA			
150CA	LEFT	R/A	5.0	020	15CA			
005CA	RIGHT	R/A	0.0	005	00CA			95620-000CA or -100CA
025CA	RIGHT	R/A	0.0	045	00CA			95620-020CA or -120CA
105CA	LEFT	R/A	0.0	005	10CA			95620-000CA or -100CA
125CA	LEFT	R/A	0.0	045	10CA			95620-020CA or -120CA

- 6 BOARD KEEP OUT ZONE- PAGE 9
- ⑦ SOLDERABLE HOLD DOWN

NOTES:

- MATERIAL:
 - 1.1 HEADER ASSY:
 - PLASTIC HOUSING: LCP UL94V-0 BLACK - ABOVE PCB
 - LCP UL94V-0 NATURAL (WHITE) - BELOW PCB
 - PIN: PHOSPHOR BRONZE
 - 1.2 EJECT MECHANISM ASSY:
 - PLASTIC GUIDE: POLYPHTHARAMID UL94V-0 BLACK
 - PLASTIC PUSH-ROD BUTTON: POLYPHTHARAMID UL94V-0 BLACK
 - COVER PLATE, EJECT PLATE, LINK ARM,
 - PUSH ROD: STAINLESS STEEL
 - EMI CONTACT: PHOSPHOR BRONZE
- FINISH (PIN)
 - UNDER PLATING: 0.5um Ni
 - CONTACT AREA: 0.1um GOLD OVER
 - 0.5um Pd-Ni
 - SOLDER TAIL: 2.5um Sn-Pb
- DIM "X"

4.25±.1	3.5±.1	5.0±.1
OTHERS	36,67	1,17,34,35,51,68
- RECOMMENDED HOLD DOWN - 2mm SCREWS (95121-XXX)AND HEXNUTS (92869-001). RECOMMENDED SCREW TORQUE: 1.0 TO 1.5 MAX in-lbs. (1.2-1.7 cm-kgs).
- SOLDER TAIL KEY/PCB LAYOUT:
 - R/A = RIGHT ANGLE PIN-THROUGH-HOLE-PAGE 6
 - SMT-STG = STAGGERED SURFACE MOUNT-PAGE 7
 - SMT-IL = SURFACE MOUNT IN-LINE (SINGLE ROW)-PAGE 8



mat'l. code		tolerances unless otherwise specified		CUSTOMER COPY		Electronics FCI www.fciconnect.com	
ltr	ecn no	dr	date	linear	projection	title	
M				.X±.3	MM	5V EJECT HEADER ASSY	
				.XX±.13		product family	MCS
				.XXX±.051		size	dwg no
				0' ±2'	scale	A4	95620
				angles	1:1	sheet	2 of
				dr	G.CLEMENS	12/20/99	
				engr	D.BRANN	12/20/99	
				chr	D.BRANN	12/20/99	
				appd	D.BRANN	12/20/99	
sheet index	revision sheet						

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DESCRIPTION: ABOVE P.C.B., DECK AND PUSH-ROD LOCATION ARE AS VIEWED BY USER.

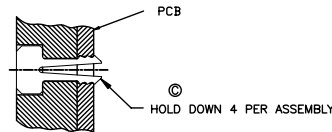
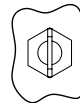
PRODUCT NO. 95620-XXXXX	PUSH ROD LOCATION	SOLDER TAIL ⑤	STAND-OFF HEIGHT DIM "L"	EJ. HEADER ASSY 92140-XXX A	EJ. MECHANISM ASSY 95079-XXXX B	SOLDERABLE HOLD DOWN (4) C	MOUNTING STYLE TO PCB AND PUSH-ROD LOCATION	USED WITH/COMMENTS
000CALF	RIGHT	R/A	0.0	000LF	00CA			
000CAHLF ①	RIGHT	R/A	0.0	000LF	00CA	93925-001		
001CALF	RIGHT	SMT-STG	0.0	001LF	00CA			
002CALF	RIGHT	SMT-IL	0.0	002LF	00CA			
020CALF	RIGHT	R/A	2.0	040LF	02CA			
040CALF	RIGHT	R/A	4.0	010LF	04CA			
050CALF	RIGHT	R/A	5.0	020LF	05CA			
050CAHLF ①	RIGHT	R/A	5.0	020LF	05CA	93925-004		
100CALF	LEFT	R/A	0.0	000LF	10CA			
100CAHLF ①	LEFT	R/A	0.0	000LF	10CA	93925-001		
101CALF	LEFT	SMT-STG	0.0	001LF	10CA			
102CALF	LEFT	SMT-IL	0.0	002LF	10CA			
120CALF	LEFT	R/A	2.0	040LF	12CA			
140CALF	LEFT	R/A	4.0	010LF	14CA			
150CALF	LEFT	R/A	5.0	020LF	15CA			
005CALF	RIGHT	R/A	0.0	005LF	00CA			95620-000CALF or -100CALF
025CALF	RIGHT	R/A	0.0	045LF	00CA			95620-020CALF or -120CALF
105CALF	LEFT	R/A	0.0	005LF	10CA			95620-000CALF or -100CALF
125CALF	LEFT	R/A	0.0	045LF	10CA			95620-020CALF or -120CALF

NOTES:

- MATERIAL:
 - HEADER ASSY:
 - PLASTIC HOUSING: LCP UL94V-0 BLACK - ABOVE PCB
 - LCP UL94V-0 NATURAL (WHITE) - BELOW PCB
 - PIN: PHOSPHOR BRONZE
 - EJECT MECHANISM ASSY:
 - PLASTIC GUIDE: POLYPHTHARAMID UL94V-0 BLACK
 - PLASTIC PUSH-ROD BUTTON: POLYPHTHARAMID UL94V-0 BLACK
 - COVER PLATE, EJECT PLATE, LINK ARM, PUSH ROD: STAINLESS STEEL
 - EMI CONTACT: PHOSPHOR BRONZE
- FINISH (PIN)
 - UNDER PLATING: 0.5um Ni
 - CONTACT AREA: 0.1um GOLD OVER
- SOLDER TAIL:

0.5um Pd-Ni	2.5um Sn-Pb
③ DIM "X"	
4.25±.1	3.5±.1
5.0±.1	
OTHERS	36.67
	1,17,34,35,51,68
- RECOMMENDED HOLD DOWN - 2mm SCREWS (95121-XXX)AND HEXNUTS (92869-001). RECOMMENDED SCREW TORQUE: 1.0 TO 1.5 MAX in-lbs. (1.2-1.7 cm-kgs).
- SOLDER TAIL KEY/PCB LAYOUT:
 - R/A = RIGHT ANGLE PIN-THROUGH-HOLE-PAGE 6
 - SMT-STG = STAGGERED SURFACE MOUNT-PAGE 7
 - SMT-IL = SURFACE MOUNT IN-LINE (SINGLE ROW)-PAGE 8
- IF LEAD FREE P/N, THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE. SOLDER TAIL : SMT-IL, SMT-STG CAN RESIST 40 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. SOLDER TAIL : R/A CAN RESIST TO SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.00MM MINIMUM THICK CIRCUIT BOARD.
- IF LEAD FREE P/N,THE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
- LEAD FREE P/N PACKAGING MEETS GS-14-920 SPECIFICATION

- BOARD KEEP OUT ZONE- PAGE 9
- SOLDERABLE HOLD DOWN



mat'l. code		tolerances unless otherwise specified		CUSTOMER COPY		Electronics FCI www.fciconnect.com	
ltr	ecn no	dr	date	linear	.X±.3	projection	title
M					.XX±.13		5V EJECT HEADER ASSY
				angles	.XXX±.051		product family MCS
				dr	0° ±2'	MM	size dwg no
				engr	G.CLEMENS 12/20/99	1:1	A4 95620
				chr	D.BRANN 12/20/99		sheet 3 of
				appd	D.BRANN 12/20/99		
sheet index	revision sheet						

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DESCRIPTION: BELOW P.C.B., DECK AND PUSH-ROD LOCATION ARE AS VIEWED BY USER.

PRODUCT NO. 95620-XXXXX	PUSH ROD LOCATION	SOLDER TAIL ⑤	STAND-OFF HEIGHT DIM "L"	EJ. HEADER ASSY 92140-XXX ①	EJ. MECHANISM ASSY 95079-XXXX ②	SOLDERABLE HOLD DOWN (4) ③	MOUNTING STYLE TO PCB AND PUSH-ROD LOCATION	USED WITH/COMMENTS
500CA	RIGHT	R/A	0.0	500	10CA			
500CAH	RIGHT	R/A	0.0	500	10CA	93925-001		
501CA	RIGHT	SMT-STG	0.0	501	10CA			
502CA	RIGHT	SMT-IL	0.0	502	10CA			
503CA	RIGHT	SMT-IL	0.0	503	10CA			
520CA	RIGHT	R/A	2.0	540	12CA			NO BOARD LOCATORS
540CA	RIGHT	R/A	4.0	510	14CA			
550CA	RIGHT	R/A	5.0	520	15CA			
600CA	LEFT	R/A	0.0	500	00CA			
601CA	LEFT	SMT-STG	0.0	501	00CA			
602CA	LEFT	SMT-IL	0.0	502	00CA			
620CA	LEFT	R/A	2.0	540	02CA			
640CA	LEFT	R/A	4.0	510	04CA			
650CA	LEFT	R/A	5.0	520	05CA			
505CA	RIGHT	R/A	0.0	505	10CA			95620-500CA or -600CA
525CA	RIGHT	R/A	0.0	545	10CA			95620-520CA or -620CA
605CA	LEFT	R/A	0.0	505	00CA			95620-500CA or -600CA
625CA	LEFT	R/A	0.0	545	00CA			95620-520CA or -620CA

NOTES:

- MATERIAL:
 - HEADER ASSY:
 - PLASTIC HOUSING: LCP UL94V-0 BLACK - ABOVE PCB
 - LCP UL94V-0 NATURAL (WHITE) - BELOW PCB
 - PIN: PHOSPHOR BRONZE
 - EJECT MECHANISM ASSY:
 - PLASTIC GUIDE: POLYPHTHARAMID UL94V-0 BLACK
 - PLASTIC PUSH-ROD BUTTON: POLYPHTHARAMID UL94V-0 BLACK
 - COVER PLATE, EJECT PLATE, LINK ARM, PUSH ROD: STAINLESS STEEL
 - EMI CONTACT: PHOSPHOR BRONZE
- FINISH (PIN)
 - UNDER PLATING: 0.5um Ni
 - CONTACT AREA: 0.1um GOLD OVER
 - 0.5um Pd-Ni
 - 2.5um Sn-Pb
- DIM "X"

4.25±.1	3.5±.1	5.0±.1
OTHERS	36,67	1,17,34,35,51,88
- RECOMMENDED HOLD DOWN - 2mm SCREWS (95121-XXX) AND HEXNUTS (92869-001). RECOMMENDED SCREW TORQUE: 1.0 TO 1.5 MAX in-lbs. (1.2-1.7 cm-kgs).
- SOLDER TAIL KEY/PCB LAYOUT:
 - R/A = RIGHT ANGLE PIN-THROUGH-HOLE-PAGE 6
 - SMT-STG = STAGGERED SURFACE MOUNT-PAGE 7
 - SMT-IL = SURFACE MOUNT IN-LINE (SINGLE ROW)-PAGE 8
- BOARD KEEP OUT ZONE-PAGE 9

mat'l. code		tolerances unless otherwise specified		CUSTOMER COPY		Electronics FCI www.fciconnect.com	
ltr	ecr no	dr	date	linear	.X±.3	projection	title
M					.XX±.13		5V EJECT HEADER ASSY
				angles	.XXX±.051		product family
				dr	G.CLEMENS 12/20/99	MM	code
				enrg	D.BRANN 12/20/99	size	dwg no
				chr	D.BRANN 12/20/99	scale	95620
				appd	D.BRANN 12/20/99	1:1	sheet
sheet	revision						4 of
index	sheet						

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DESCRIPTION: BELOW P.C.B., DECK AND PUSH-ROD LOCATION ARE AS VIEWED BY USER.

PRODUCT NO. 95620-XXXXX	PUSH ROD LOCATION	SOLDER TAIL ⑤	STAND-OFF HEIGHT DIM "L"	EJ. HEADER ASSY 92140-XXX ①	EJ. MECHANISM ASSY 95079-XXXX ②	SOLDERABLE HOLD DOWN (4) ③	MOUNTING STYLE TO PCB AND PUSH-ROD LOCATION	USED WITH/COMMENTS
500CALF	RIGHT	R/A	0.0	500LF	10CA			
500CAHLF	RIGHT	R/A	0.0	500LF	10CA	93925-001		
501CALF	RIGHT	SMT-STG	0.0	501LF	10CA			
502CALF	RIGHT	SMT-IL	0.0	502LF	10CA			
503CALF	RIGHT	SMT-IL	0.0	503LF	10CA			
520CALF	RIGHT	R/A	2.0	540LF	12CA			NO BOARD LOCATORS
540CALF	RIGHT	R/A	4.0	510LF	14CA			
550CALF	RIGHT	R/A	5.0	520LF	15CA			
600CALF	LEFT	R/A	0.0	500LF	00CA			
601CALF	LEFT	SMT-STG	0.0	501LF	00CA			
602CALF	LEFT	SMT-IL	0.0	502LF	00CA			
620CALF	LEFT	R/A	2.0	540LF	02CA			
640CALF	LEFT	R/A	4.0	510LF	04CA			
650CALF	LEFT	R/A	5.0	520LF	05CA			
505CALF	RIGHT	R/A	0.0	505LF	10CA			95620-500CA or -600CA
525CALF	RIGHT	R/A	0.0	545LF	10CA			95620-520CA or -620CA
605CALF	LEFT	R/A	0.0	505LF	00CA			95620-500CA or -600CA
625CALF	LEFT	R/A	0.0	545LF	00CA			95620-520CA or -620CA

NOTES:

- MATERIAL:
 - 1.1 HEADER ASSY:
PLASTIC HOUSING: LCP UL94V-0 BLACK - ABOVE PCB
LCP UL94V-0 NATURAL (WHITE) - BELOW PCB
PIN: PHOSPHOR BRONZE
 - 1.2 EJECT MECHANISM ASSY:
PLASTIC GUIDE: POLYPHTHAMID UL94V-0 BLACK
PLASTIC PUSH-ROD BUTTON: POLYPHTHAMID UL94V-0 BLACK
COVER PLATE, EJECT PLATE, LINK ARM,
PUSH ROD: STAINLESS STEEL
EMI CONTACT: PHOSPHOR BRONZE
- FINISH (PIN)
 - UNDER PLATING: 0.5um Ni
 - CONTACT AREA: 0.1um GOLD OVER
 - 0.5um Pd-Ni
 - SOLDER TAIL: 2.5um Sn-Pb

- IF LEAD FREE P/N. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE
SOLDER TAIL : SMT-IL, SMT-STG CAN RESIST 40 SECONDS IN A CONVECTION,
INFRA-RED OR VAPOR PHASE REFLOW OVEN.
SOLDER TAIL : R/A CAN RESIST 10 SECONDS IN A WAVE SOLDER APPLICATION
WITH A 1.00MM MINIMUM THICK CIRCUIT BOARD.
- IF LEAD FREE P/N. THE PRODUCT MEETS EUROPEAN UNION DIRECTIVES
AND OTHER COUNTRY REGULATIONS AS DISCRIBLED IN GS-22-008
- LEAD FREE P/N PACKAGING MEETS GS-14-920 SPECIFICATION

⑤ DIM "X"

4.25±.1	3.5±.1	5.0±.1
OTHERS	36,67	1,17,34,35,51,88

- RECOMMENDED HOLD DOWN - 2mm SCREWS (95121-XXX) AND
HEXNUTS (92869-001). RECOMMENDED SCREW TORQUE: 1.0 TO
1.5 MAX in-lbs. (1.2-1.7 cm-kgs).

- ⑤ SOLDER TAIL KEY/PCB LAYOUT:
R/A = RIGHT ANGLE PIN-THROUGH-HOLE-PAGE 6
SMT-STG = STAGGERED SURFACE MOUNT-PAGE 7
SMT-IL = SURFACE MOUNT IN-LINE (SINGLE ROW)-PAGE 8

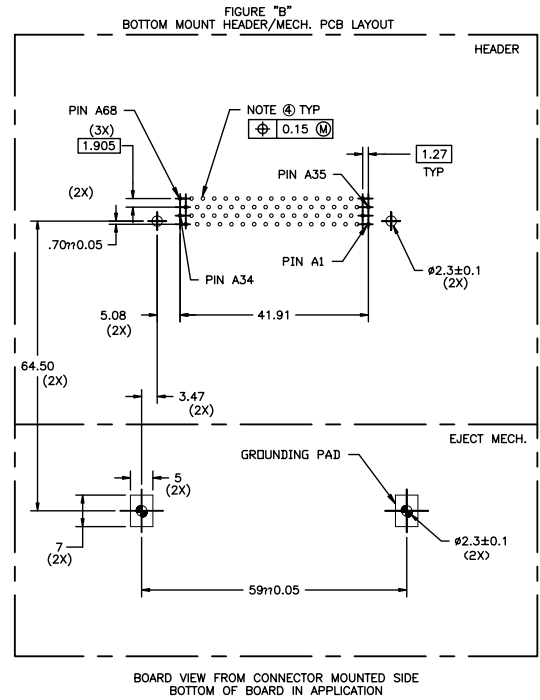
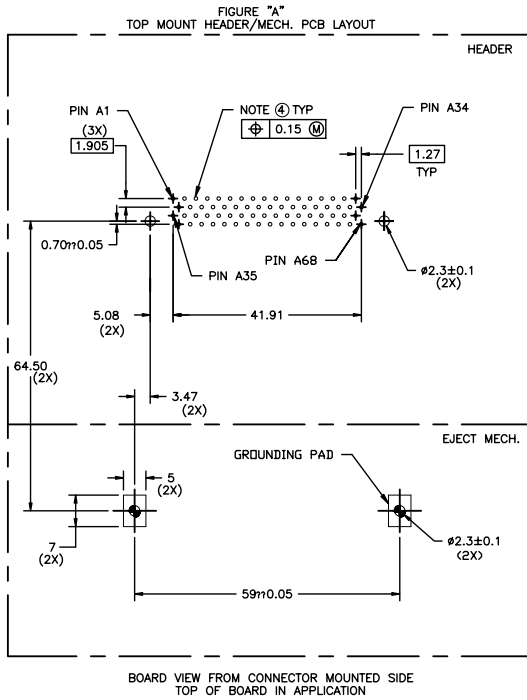
- BOARD KEEP OUT ZONE-PAGE 9

mat'l. code		tolerances unless otherwise specified		CUSTOMER COPY		Electronics FCI www.fciconnect.com	
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M					.XX±.13		5V EJECT HEADER ASSY
				angles	.XXX±.051		product family
				dr	G.CLEMENS 12/20/99	MM	code
				enrg	D.BRANN 12/20/99	size	dwg no
				chr	D.BRANN 12/20/99	scale	95620
				appd	D.BRANN 12/20/99	1:1	sheet
sheet	revision						5 of
index	sheet						

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Single Mount Right Angle



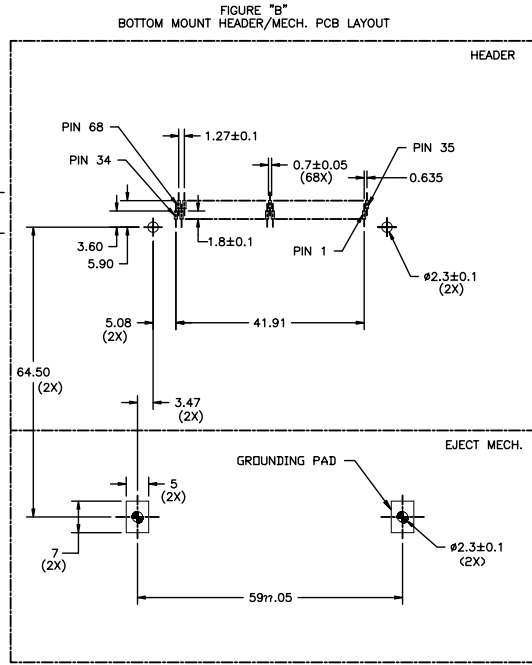
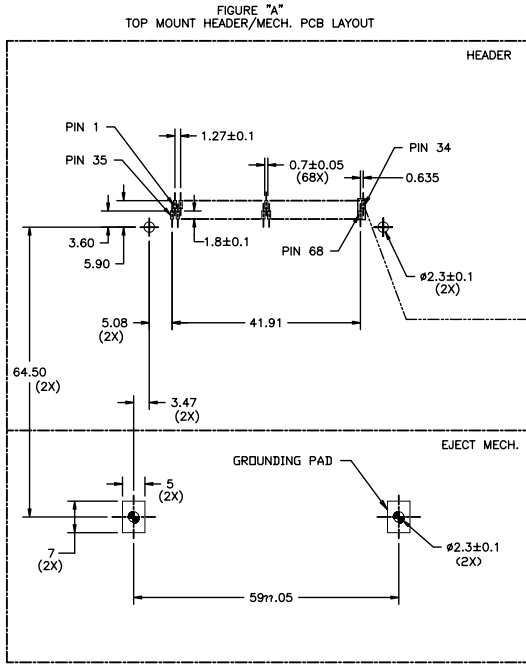
- NOTES:
- 1 ALL TOLERANCES ± 0.15 UNLESS NOTED.
 - 2 KEEP-OUT ZONE FOR HEADERS W/ STAND-OFF OPTIONS SEE SHEET 9 FIGURE A.
 - 3 KEEP-OUT ZONE FOR HEADERS W/O STAND-OFF OPTIONS SEE SHEET 9 FIGURE B.
 - 4 RECOMMENDED DIAMETER IS $\phi 1.0$. FOR PROCESSES USING PASTE REFLOW, HOLE MAY BE AS SMALL AS $\phi 0.79$

mat'l. code		tolerances unless otherwise specified		CUSTOMER COPY		 www.fciconnect.com	
ltr	ecn no	dr	date	linear	.X \pm .3	projection	title
M					.XX \pm .13	 MM	5V EJECT HEADER ASSY
				angles	.XXX \pm .051		product family
				dr	G.CLEMENS 12/20/99	size	dwg no
				engr	D.BRANN 12/20/99	scale	95620
				chr	D.BRANN 12/20/99	1:1	A4
				appd	D.BRANN 12/20/99		
sheet index	revision sheet						cage code
							26
							4

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Surface Mount 2-Row



NOTES:

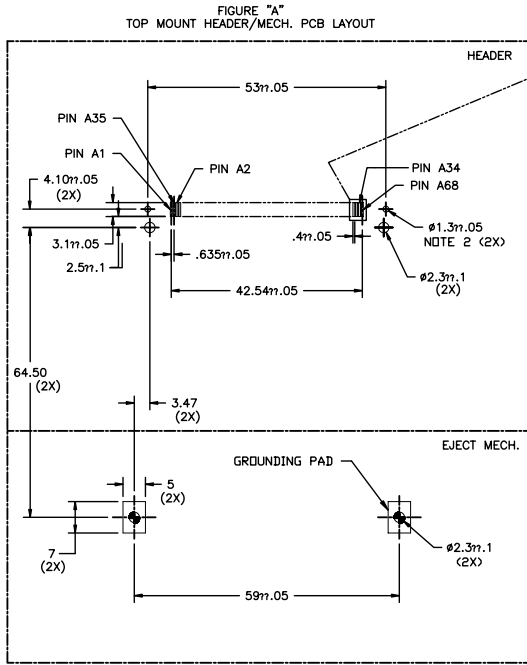
- 1 ALL TOLERANCES ±0.15 UNLESS NOTED.
- 2 KEEP-OUT ZONE FOR ASSEMBLIES SHOWN ON SHEET 9 FIGURE B.

mat'l. code		tolerances unless otherwise specified		CUSTOMER COPY		 FCI www.fciconnect.com	
ltr	ecn no	dr	date	linear	.X±.3	projection	title
M					.XX±.13	 MM	5V EJECT HEADER ASSY
				angles	.XXX±.051		product family
				dr	0° ±2'	size	dwg no
				engr	G.CLEMENS 12/20/99	scale	95620
				chr	D.BRANN 12/20/99	1:1	A4
				appd	D.BRANN 12/20/99		
sheet index	revision sheet						cage code
							26

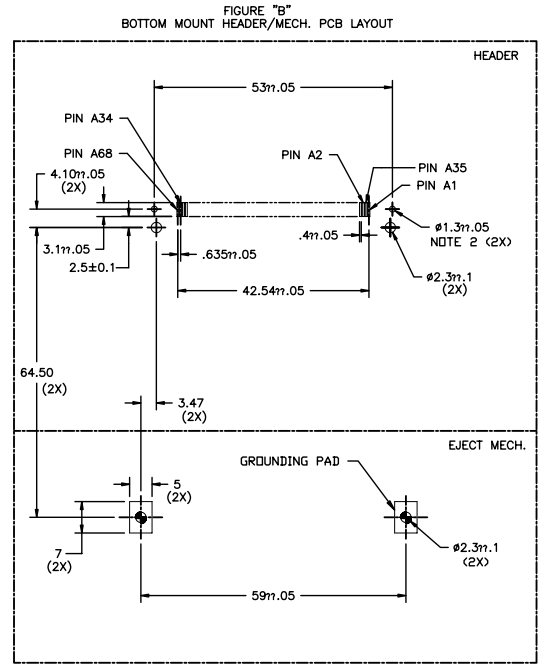
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Surface Mount In-Line



BOARD VIEW FROM CONNECTOR MOUNTED SIDE
TOP OF BOARD IN APPLICATION



BOARD VIEW FROM CONNECTOR MOUNTED SIDE
BOTTOM OF BOARD IN APPLICATION

NOTES:

- 1 ALL TOLERANCES ±.15 UNLESS NOTED.
- 2 THIS HOLE REQUIRED FOR HEADERS WITH BOARD LOCATOR.
- 3 KEEP-OUT ZONE FOR ASSEMBLIES SHOWN ON SHEET 9 FIGURE B.

mat'l. code		tolerances unless otherwise specified		CUSTOMER COPY		 www.fciconnect.com		
ltr	ecn no	dr	date	linear	.X±.3	projection	title	
M					.XX±.13	 MM	5V EJECT HEADER ASSY	
				angles	.XXX±.051		product family	MCS
					0° ±2'	size	dwg no	
				dr	G.CLEMENS	12/20/99	scale	1:1
				enrg	D.BRANN	12/20/99	A4	95620
				chr	D.BRANN	12/20/99		sheet 8 of
				appd	D.BRANN	12/20/99		
sheet index	revision sheet							

D

B

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