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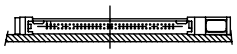
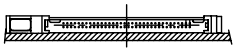
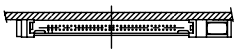
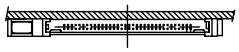
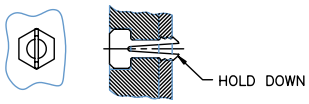
DESCRIPTION: ABOVE AND BELOW P.C.B., DECK AND PUSH-ROD LOCATION ARE AS VIEW BY USER.

PRODUCT NO. 74443-XXXXX NOTE (2)	PCB SIDE	PUSH ROD LOCATION	SOLDER TAIL (1)	STAND-OFF HEIGHT DIM "L"	EJ. HEADER ASSY (A) 92140-XXX	EJ. MECHANISM ASSY (B) 94613-XXXX	MOUNTING STYLE TO PCB AND PUSH-ROD LOCATION
000CA	ABOVE	RIGHT	R/A	0.0	000	00CA	
001CA	ABOVE	RIGHT	SMT-STG	0.0	001	00CA	
002CA	ABOVE	RIGHT	SMT-IL	0.0	002	00CA	
020CA	ABOVE	RIGHT	R/A	2.0	040	02CA	
040CA	ABOVE	RIGHT	R/A	4.0	010	04CA	
050CA	ABOVE	RIGHT	R/A	5.0	020	05CA	
100CA	ABOVE	LEFT	R/A	0.0	000	10CA	
101CA	ABOVE	LEFT	SMT-STG	0.0	001	10CA	
102CA	ABOVE	LEFT	SMT-IL	0.0	002	10CA	
120CA	ABOVE	LEFT	R/A	2.0	040	12CA	
140CA	ABOVE	LEFT	R/A	4.0	010	14CA	
150CA	ABOVE	LEFT	R/A	5.0	020	15CA	
500CA	BELOW	RIGHT	R/A	0.0	500	10CA	
501CA	BELOW	RIGHT	SMT-STG	0.0	501	10CA	
502CA	BELOW	RIGHT	SMT-IL	0.0	502	10CA	
520CA	BELOW	RIGHT	R/A	2.0	540	12CA	
540CA	BELOW	RIGHT	R/A	4.0	510	14CA	
550CA	BELOW	RIGHT	R/A	5.0	520	15CA	
600CA	BELOW	LEFT	R/A	0.0	500	00CA	
601CA	BELOW	LEFT	SMT-STG	0.0	501	00CA	
602CA	BELOW	LEFT	SMT-IL	0.0	502	00CA	
620CA	BELOW	LEFT	R/A	2.0	540	02CA	
640CA	BELOW	LEFT	R/A	4.0	510	04CA	
650CA	BELOW	LEFT	R/A	5.0	520	05CA	

NOTES:

(1) SOLDER TAIL KEY:
R/A = RIGHT ANGLE PIN-THROUGH-HOLE
SMT-STG = STAGGERED SURFACE MOUNT
SMT-IL = SURFACE MOUNT IN-LINE (SINGLE ROW)

(2) ADD "H" TO PART NUMBER FOR OPTIONAL HOLD DOWN (4 PER ASSEMBLY)



ltr	ecn no	dr	date
A	V80250	RHG	2/18/98
B	V81799	CGC	10/26/98
C	V12164	TFG	8/17/01
D	N05-0197	WB	07/05/05

tolerances unless otherwise specified: linear .X±.3, .XX±.13, .XXX±.051; angles 0° ±2'

dr	R.GRAPE	2/18/98
engr	D.BRANN	2/18/98
chr	D.BRANN	2/18/98
appd	D.BRANN	2/18/98

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projection

MM

scale 1:1

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title: 68 POSITION EJECT HEADER ASSEMBLY

product family: MCS | code: –

size: A4 | dwg no: 74443 | sheet 1 of 5

sheet index	revision	D	D
	sheet	1	2

D	D	D	D	D
3	4	5		

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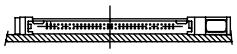
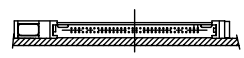
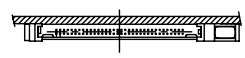
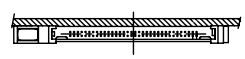
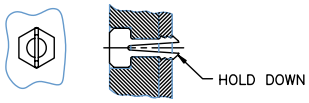
DESCRIPTION: ABOVE AND BELOW P.C.B., DECK AND PUSH-ROD LOCATION ARE AS VIEW BY USER.

PRODUCT NO. 74443-XXXXX NOTE 2	PCB SIDE	PUSH ROD LOCATION	SOLDER TAIL 1	STAND-OFF HEIGHT DIM "L"	EJ. HEADER ASSY 92140-XXX A	EJ. MECHANISM ASSY 94613-XXXX B	MOUNTING STYLE TO PCB AND PUSH-ROD LOCATION
000CALF	ABOVE	RIGHT	R/A	0.0	000LF	00CA	
001CA	ABOVE	RIGHT	SMT-STG	0.0	001	00CA	
002CA	ABOVE	RIGHT	SMT-IL	0.0	002	00CA	
020CALF	ABOVE	RIGHT	R/A	2.0	040LF	02CA	
040CALF	ABOVE	RIGHT	R/A	4.0	010LF	04CA	
050CALF	ABOVE	RIGHT	R/A	5.0	020LF	05CA	
100CALF	ABOVE	LEFT	R/A	0.0	000LF	10CA	
101CA	ABOVE	LEFT	SMT-STG	0.0	001	10CA	
102CA	ABOVE	LEFT	SMT-IL	0.0	002	10CA	
120CALF	ABOVE	LEFT	R/A	2.0	040LF	12CA	
140CALF	ABOVE	LEFT	R/A	4.0	010LF	14CA	
150CALF	ABOVE	LEFT	R/A	5.0	020LF	15CA	
500CALF	BELOW	RIGHT	R/A	0.0	500LF	10CA	
501CA	BELOW	RIGHT	SMT-STG	0.0	501	10CA	
502CA	BELOW	RIGHT	SMT-IL	0.0	502	10CA	
520CALF	BELOW	RIGHT	R/A	2.0	540LF	12CA	
540CALF	BELOW	RIGHT	R/A	4.0	510LF	14CA	
550CALF	BELOW	RIGHT	R/A	5.0	520LF	15CA	
600CALF	BELOW	LEFT	R/A	0.0	500LF	00CA	
601CA	BELOW	LEFT	SMT-STG	0.0	501	00CA	
602CA	BELOW	LEFT	SMT-IL	0.0	502	00CA	
620CALF	BELOW	LEFT	R/A	2.0	540LF	02CA	
640CALF	BELOW	LEFT	R/A	4.0	510LF	04CA	
650CALF	BELOW	LEFT	R/A	5.0	520LF	05CA	

NOTES:

1. SOLDER TAIL KEY:
   R/A = RIGHT ANGLE PIN-THROUGH-HOLE
   SMT-STG = STAGGERED SURFACE MOUNT
   SMT-IL = SURFACE MOUNT IN-LINE (SINGLE ROW)
2. ADD "H" TO PART NUMBER FOR OPTIONAL HOLD DOWN (4 PER ASSEMBLY)



3. IF LEAD FREE P.N.THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.00MM MINIMUM THICK CIRCUIT BOARD.
4. IF LEAD FREE P/N.THE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
5. LEAD FREE P/N PACKAGING MEETS GS-14-920 SPECIFICATION

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	Electronics FCI www.fciconnect.com
ltr	ecn no	dr	date	linear	.X±.3		projection	title 68 POSITION EJECT HEADER ASSEMBLY
D					.XX±.13			
					.XXX±.051			
				angles	0° ±2°			
				dr	R.GRAPE	2/18/98	MM	product family MCS / code –
				engr	D.BRANN	2/18/98		size A4 / dwg no 74443
				chr	D.BRANN	2/18/98	scale 1:1	sheet 2 of
				appd	D.BRANN	2/18/98		
sheet index	revision sheet							cage code

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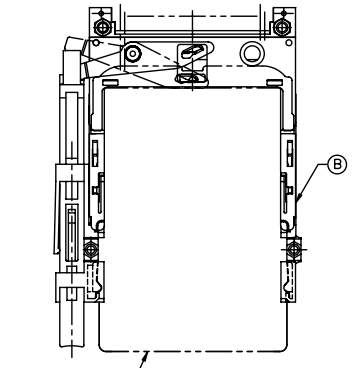
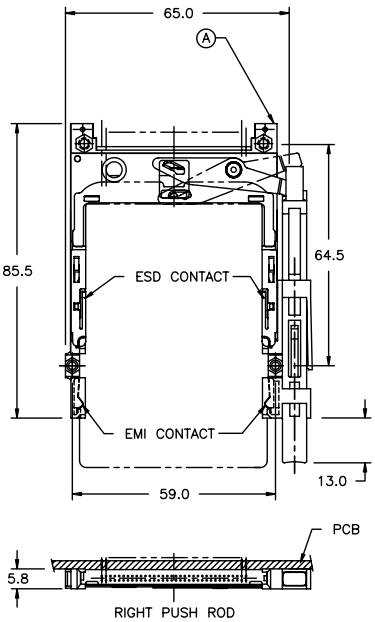
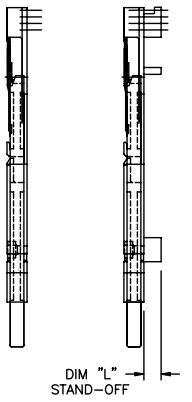
PCMCIA COMPONENTS:
SINGLE DECK ASSEMBLY: EXTENDED TRAVEL
(8mm CARD EJECT) MECHANISM.



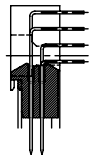
LEFT PUSH ROD
RT. ANGLE SOLDER TAIL
ABOVE PCB
P/N: 74443-100CA
P/N: 74443-100CALF



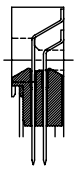
RIGHT PUSH ROD
RT. ANGLE SOLDER TAIL
BELOW PCB
P/N: 74443-500CA
P/N: 74443-500CALF



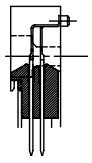
STAND-OFF
RT. ANGLE
SOLDER TAIL



THRU-HOLE
RIGHT-ANGLE



SURFACE MOUNT
STAGGERED



SURFACE MOUNT
IN-LINE

NOTES:
1. REFER TO HEADER DRAWING 92140 AND EJECT MECHANISM 94613 FOR ADDITIONAL DIMENSIONS, MATERIAL, AND PLATING INFORMATION.
2. REFER TO TA-946 FOR PCB LAYOUT AND PCB KEEP-OUT AREA.
3. RECOMMENDED SCREW TORQUE: 1.0 TO 1.5 MAX in-lbs. (1.2-1.7 cm-kgs). RECOMMENDED HOLD-DOWN: 2mm SCREWS AND NUTS. SEE DRAWINGS 95121 AND 92869.

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	Electronics FCI www.fciconnect.com
ltr	ecn no	dr	date		.X±.3			
D				linear	.XX±.13		projection	title: 68 POSITION EJECT HEADER ASSEMBLY
					.XXX±.051			
				angles	0° ±2°			
				dr	R.GRAPE	2/18/98	MM	product family: MCS; code: –
				engr	D.BRANN	2/18/98		size: A4; dwg no: 74443
				chr	D.BRANN	2/18/98	scale 1:1	sheet 3 of
				appd	D.BRANN	2/18/98		
sheet index	revision sheet							

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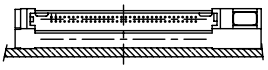
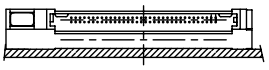
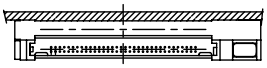
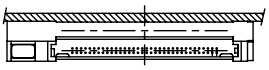
DESCRIPTION: ABOVE AND BELOW P.C.B., DECK AND PUSH-ROD LOCATION ARE AS VIEWED BY USER.

PRODUCT NO. 74443-XXXXX	PCB SIDE	PUSH ROD LOCATION	SOLDER TAIL (1)	SOLDER TAIL DIM "L"	EJ. HEADER ASSY (A) 92140-XXX	EJ. MECHANISM ASSY (B) 94613-XXXX	MOUNTING STYLE TO PCB AND PUSH-ROD LOCATION (2)
005CA	ABOVE	RIGHT	R/A	8.6	005	00CA	
025CA	ABOVE	RIGHT	R/A	10.3	045	00CA	
005CALF	ABOVE	RIGHT	R/A	8.6	005LF	00CA	
025CALF	ABOVE	RIGHT	R/A	10.3	045LF	00CA	
105CA	ABOVE	LEFT	R/A	8.6	005	10CA	
125CA	ABOVE	LEFT	R/A	10.3	045	10CA	
105CALF	ABOVE	LEFT	R/A	8.6	005LF	10CA	
125CALF	ABOVE	LEFT	R/A	10.3	045LF	10CA	
505CA	BELOW	RIGHT	R/A	8.6	505	10CA	
525CA	BELOW	RIGHT	R/A	10.3	545	10CA	
505CALF	BELOW	RIGHT	R/A	8.6	505LF	10CA	
525CALF	BELOW	RIGHT	R/A	10.3	545LF	10CA	
605CA	BELOW	LEFT	R/A	8.6	505	00CA	
625CA	BELOW	LEFT	R/A	10.3	545	00CA	
605CA	BELOW	LEFT	R/A	8.6	505	00CA	
625CA	BELOW	LEFT	R/A	10.3	545	00CA	

NOTES:

(1) SOLDER TAIL KEY:
R/A = RIGHT ANGLE PIN-THROUGH-HOLE

(2) UPPER DECK FOR DOUBLE DECK ASSEMBLY. (SEE DWG. 74919)

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ltr	ecn no	dr	date		.X±.3			
D				linear	.XX±.13		projection	title: 68 POSITION EJECT HEADER ASSEMBLY
					.XXX±.051			
				angles	0° ±2°			
				dr	R.GRAPE	2/18/98	MM	product family: MCS; code: –
				engr	D.BRANN	2/18/98		
				chr	D.BRANN	2/18/98	scale 1:1	size: A4; dwg no: 74443; sheet 4 of
				appd	D.BRANN	2/18/98		
sheet index	revision sheet							

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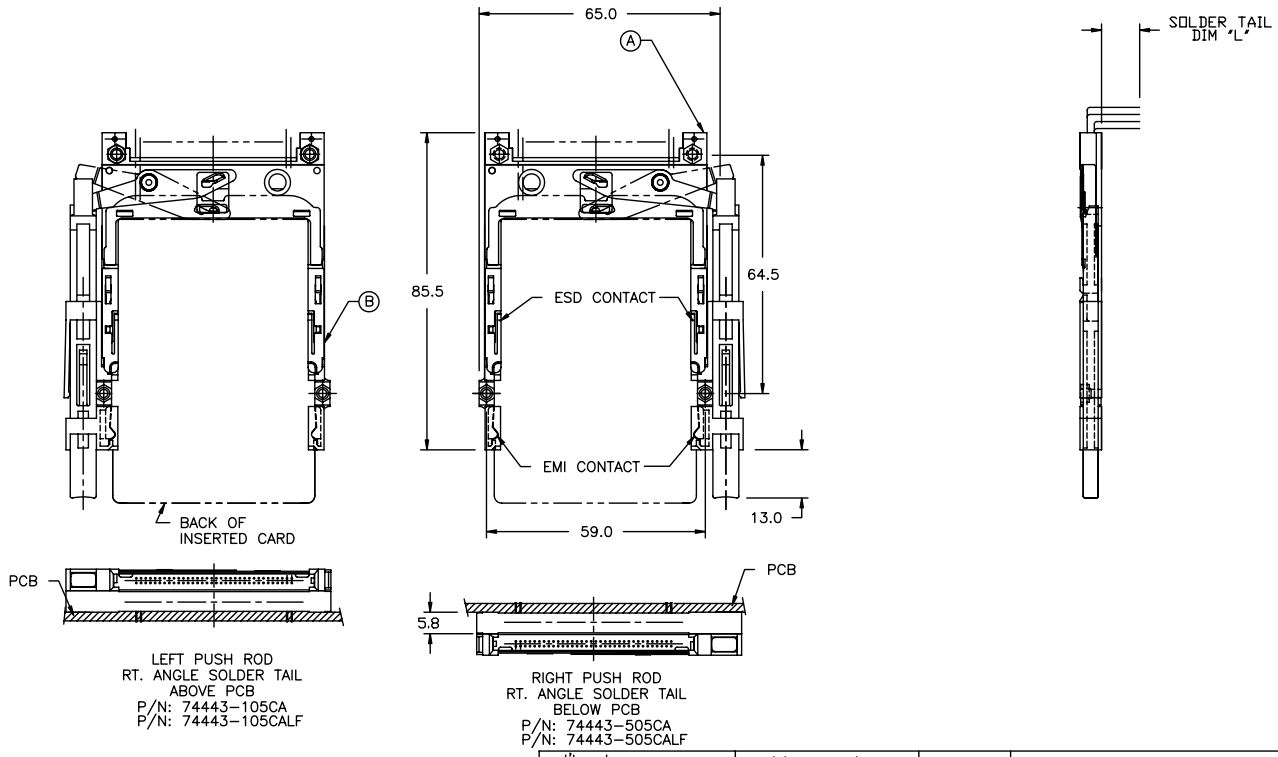
SINGLE DECK ASSEMBLY: EXTENDED TRAVEL
(8mm CARD EJECT) MECHANISM.



LEFT PUSH ROD
RT. ANGLE SOLDER TAIL
ABOVE PCB
P/N: 74443-105CA
P/N: 74443-105CALF

RIGHT PUSH ROD
RT. ANGLE SOLDER TAIL
BELOW PCB
P/N: 74443-505CA
P/N: 74443-505CALF

NOTES:
1. REFER TO HEADER DRAWING 92140 AND EJECT MECHANISM 94613 FOR ADDITIONAL DIMENSIONS, MATERIAL, AND PLATING INFORMATION.
2. REFER TO TA-946 FOR PCB LAYOUT AND PCB KEEP-OUT AREA.
3. RECOMMENDED SCREW TORQUE: 1.0 TO 1.5 MAX in-lbs. (1.2-1.7 cm-kgs). RECOMMENDED HOLD-DOWN: 2mm SCREWS AND NUTS. SEE DRAWINGS 95121 AND 92869.

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	Electronics FCI www.fciconnect.com
ltr	ecn no	dr	date		.X±.3			
D				linear	.XX±.13		projection	title: 68 POSITION EJECT HEADER ASSEMBLY
					.XXX±.051			
				angles	0° ±2°			
				dr	R.GRAPE	2/18/98	MM	product family: MCS; code: –
				engr	D.BRANN	2/18/98		size: A4; dwg no: 74443
				chr	D.BRANN	2/18/98	scale: 1:1	sheet: 5 of
				appd	D.BRANN	2/18/98		
sheet index	revision sheet							

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