

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[74031-118CALF](#)

For any questions, you can email us directly:

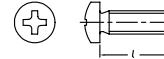
sales@integrated-circuit.com

PRODUCT NO.
74031-118CA/118CALF
74031-118MCALF

NOTES:

1. 8mm MIN. CARD EJECT.
2. EJECT TRAVEL: 9.5mm
3. PUSH ROD LOCATION AND P.C.B. SIDE ARE AS APPEARS INSTALLED.
4. MATERIAL
 - 4.1 HEADER ASS'Y
HOUSING: HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK
PIN : COPPY ALLOY
PCB : FR4
 - 4.2 MECHANISM ASS'Y
PLASTIC : GUIDE: HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK
BUTTON: HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK
PLATE AND PUSH ROD : STAINLESS
EMI CONTACT: PHOSPHOR BRONZE
STAND-OFF : BRASS
5. FINISH (PIN)
UNDER PLATING : 0.5 μ m MIN. Ni
CONTACT AREA : 0.076 μ m MIN. GOLD
SPECIAL COST PLATING IS 0.25 μ m GOLD
SOLDER TAIL : 2.5 μ m MIN. Sn-Pb (FOR TIN LEAD OPTION)
2.5 μ m MIN. PURE TIN (FOR LEAD FREE OPTION)
STAND-OFF : 3 μ m MIN. Ni.
6. DIM "X"

4.25 $\pm$ 0.1	3.5 $\pm$ 0.1	5.0 $\pm$ 0.1
OTHERS	36,67	1,17,34,35,51,68
7. RECOMMENDED M2 SCREW LENGTH (L): 5.0mm MIN.~15.0mm MAX.
8. 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.
9. IF LEAD FREE P/N.THE PRODUCT MEETS EUROPEAN UNION DIRECTIVES
AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
10. LEAD FREE P/N PACKAGING MEETS GS-14-920 SPECIFICATION
11. PRODUCT SPEC:110-263



ORDERING INFORMATION

NAME	PART NO.	Q'TY
① EJECT HEADER ASS'Y	74031-118CA/118CALF	1
② MATING RECEPTACLE	91931-31169/31169LF/31169LF	1

mat'l. code	surface	tolerance	projection	product family
	ISO 1302	ISO 406 ISO 1101		PCMCIA
trn ecn nd dr date	tolerances unless otherwise specified	angles linear	scale	title
A T70299 W L 09/08/97	.X $\pm$.3		MM	68 POS EJECTOR HEADER HSG (FOR 5.0V)
B T90062 W L 02/24/99	.XX $\pm$.13			
C T00304 W L 10/09/00	.XXX $\pm$.051			
D T03-0254 W L 06/25/03 dr	Mike Zhou 06/05/06			dwg no sheet1 of 5 size
E N05-0125 W B 05/10/08 engr	Mike Zhou 06/05/06			74031 A4
F N06-0110 M Z 06/22/06 chr	Mike Zhou 06/05/06			type CUSTOMER Drawing
G BLX-N-011415 ZK 04/25/12 appd	Jack Wang 06/05/06			
sheet revision G G G G G				
index sheet 1 2 3 4 5				

PDS: Rev :G

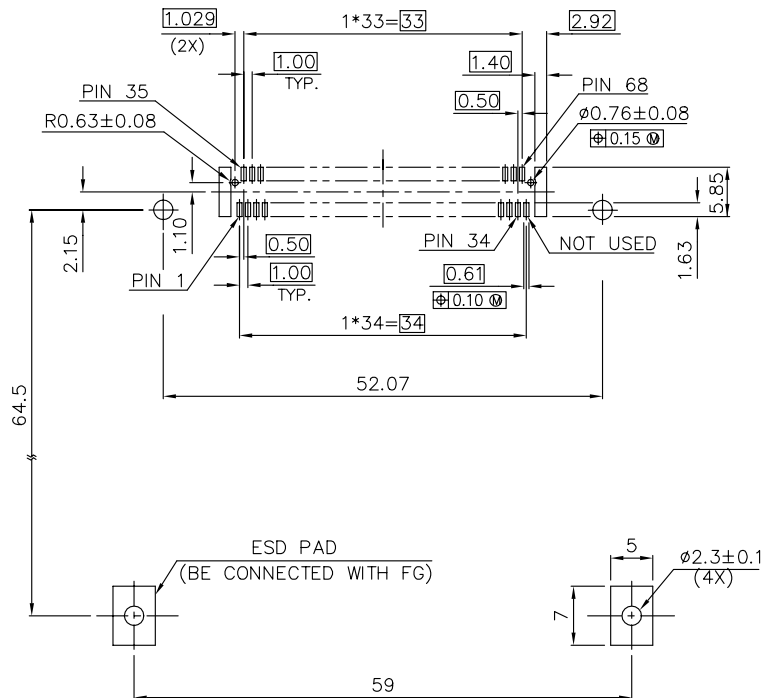
STATUS: Released

Printed: Sep 12, 2013

PART NUMBER

74031-118CA/118CALF

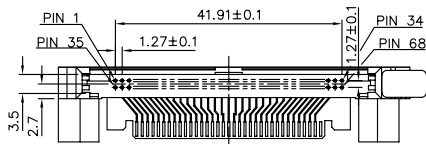
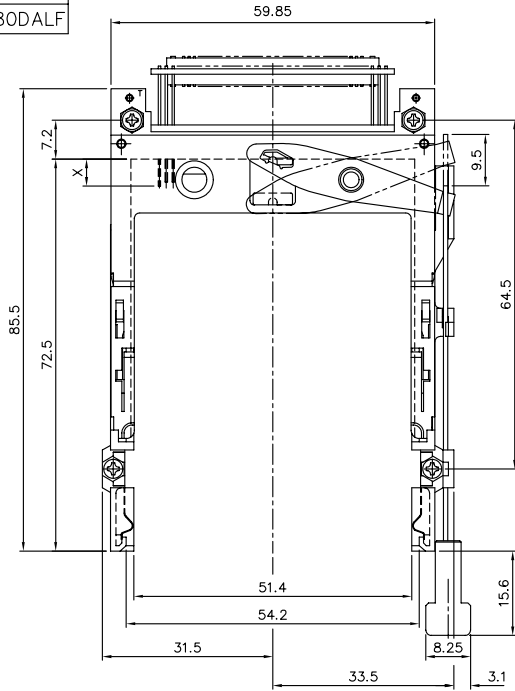
74031-118MCALF



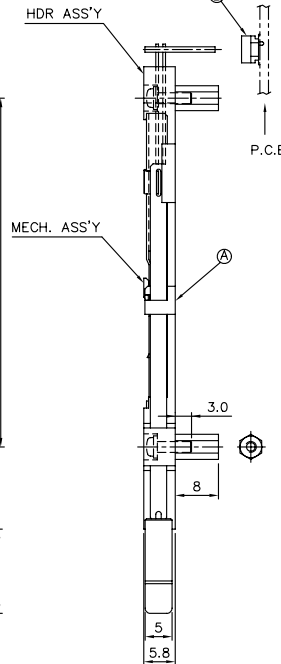
BOARD VIEW FROM CONNECTOR MOUNTED SIDE
TOP OF BOARD IN APPLICATION

mat'l. code		surface		tolerance		projection		product family	
ISO 1302		ISO 406		ISO 1101		PCMCIA			
tech no		dr		date		title			
G		angles		linear		68 POS EJECTOR HEADER HSG			
		.XX±.3		MM					
		.XXX±.051		scale					
dr		Mike Zhou		06/05/06		dwg no		sheet2of5 size	
enr		Mike Zhou		06/05/06		FCI		74031	
chr		Mike Zhou		06/05/06				A4	
appd		Jack Wang		06/05/06		type		CUSTOMER Drawing	
sheet		revision							
index		sheet							

PRODUCT NO.
74031-080DA
74031-080DALF



ABOVE P.C.B.
(RIGHT PUSH-ROD)



NOTES:

- 8mm MIN. CARD EJECT.
- EJECT TRAVEL: 9.5mm
- PUSH ROD LOCATION AND P.C.B. SIDE ARE AS APPEARS INSTALLED.
- MATERIAL
 - HEADER ASS'Y
PLASTIC : HOUSING : HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK
PIN : PHOSPHOR BRONZE
PCB : FR4
 - MECHANISM ASS'Y
PLASTIC : GUIDE: HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK
PLATE AND PUSH ROD : STAINLESS
EMI CONTACT: PHOSPHOR BRONZE
STAND-OFF : BRASS
- FINISH (PIN)
UNDER PLATING : 0.5 μ m MIN. Ni
CONTACT AREA : 0.076 μ m MIN. GOLD
SOLDER TAIL : 2.5 μ m MIN. Sn-Pb (FOR TIN LEAD OPTION)
STAND-OFF : 3 μ m MIN. Ni.
- DIM "X"

4.25±0.1	3.5±0.1	5.0±0.1
OTHERS	36,67	1,17,34,35,51,68
- 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.
- 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
- PRODUCT SPEC: 110-263

ORDERING INFORMATION

NAME	PART NO.	Q'TY
(A) EJECT HEADER ASS'Y	74031-080DA/080DALF	1
(B) MATING RECEPTACLE	91931-31169/31169LF	1

mat'l. code	surface	tolerance	projection	product family
ISO 1302	ISO 406	ISO 1101	ISO 1101	PCMCIA
tolerances unless otherwise specified	±0.3	±0.3	±0.3	
angles	linear	linear	linear	
±2'	scale	scale	scale	
dr	Mike Zhou	06/05/06		
enr	Mike Zhou	06/05/06		
chr	Mike Zhou	06/05/06		
appd	Jack Wang	06/05/06		
sheet index	revision	sheet		



68 POS EJECTOR HEADER HSG
(FOR 5.0V)
dwg no 74031
sheet 3 of 5
type CUSTOMER Drawing

PRODUCT NO.
74031-180DA/180DALF

NOTES:

- 8mm MIN. CARD EJECT.
- EJECT TRAVEL: 9.5mm
- PUSH ROD LOCATION AND P.C.B. SIDE ARE AS APPEARS INSTALLED.
- MATERIAL
 - HEADER ASS'Y
PLASTIC : HOUSING ...HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK
PIN : PHOSPHOR BRONZE
PCB : FR4
 - MECHANISM ASS'Y
PLASTIC : GUIDE: HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK
BUTTON: HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK
PLATE AND PUSH ROD : STAINLESS
EMI CONTACT: PHOSPHOR BRONZE
STAND-OFF : BRASS
- FINISH (PIN)
UNDER PLATING : 0.5 μ m MIN. NI
CONTACT AREA : 0.076 μ m MIN. GOLD
SOLDER TAIL : 2.5 μ m MIN. Sn-Pb (FOR TIN LEAD OPTION)
2.5 μ m MIN. PURE TIN (FOR LEAD FREE OPTION)
STAND-OFF : 3 μ m MIN. NI.
- DIM "X"

4.25 $\pm$ 0.1	3.5 $\pm$ 0.1	5.0 $\pm$ 0.1
OTHERS	36,67	1,17,34,35,51,68
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- PRODUCT SPEC:110-263

ORDERING INFORMATION

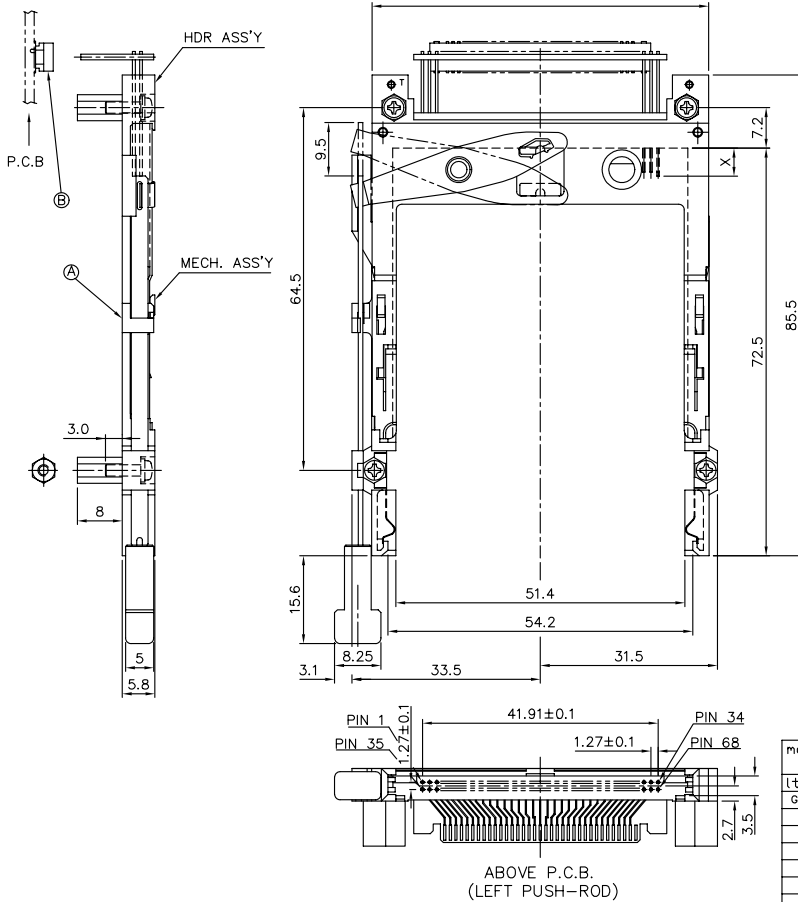
NAME	PART NO.	Q'TY
(A) EJECT HEADER ASS'Y	74031-180DA/180DALF	1
(B) MATING RECEPTACLE	91931-31169/31169LF	1

mat'l. code	surface	tolerance	projection	product family
	ISO 1302	ISO 406 ISO 1101		PCMCIA
trn ecn ndr date	tolerances	unless otherwise specified	title	
G	angles	$\pm$ 0.3	MM	68 POS EJECTOR HEADER HSG (FOR 5.0V)
	$\pm$ 2'	linear	scale	
dr	Mike Zhou	06/05/06		dwg no
enrg	Mike Zhou	06/05/06		sheet4 of 5 size
chr	Mike Zhou	06/05/06		74031 A4
appd	Jack Wang	06/05/06		type CUSTOMER Drawing
sheet index	revision	sheet		

4 PDS: Rev :G

STATUS: Released

Printed: Sep 12, 2013



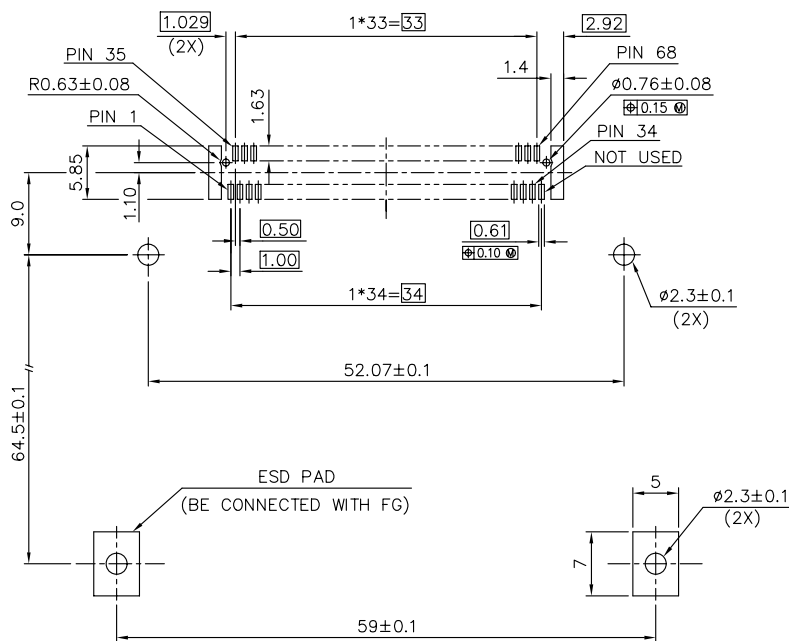
PRODUCT NO.

74031-080DA

74031-180DA

74031-080DALF

74031-180DALF



4 CARD INSERTION DIRECTION

mat'l. code		surface ISO 1302		tolerance ISO 406 ISO 1406		projection ISO 1406		product family PCMCIA	
ltn	ecn	no	dr	date	tolerances unless otherwise specified		title		
6					angles linear	±0.3	EJECTOR HEADER ASS'Y 68POS. SMT, TYPE 1/2/3		
					dr linear	±0.3	scale		
					Mike Zhou	06/05/06	dwg no		sheet5 of 5
					Engn Mike Zhou	06/05/06	74031		size A4
					chr Mike Zhou	06/05/06	type CUSTOMER		Drawing
					appd Jack Wang	06/05/06			
sheet	revision								
index	revmat								