

74031-118CA/118CALF
74031-118MCALF

P.C.B

5
5.8

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

PIN : COPPY ALLOY

PCB : FR4

4.2 MECHANISM ASS'Y

MECHANISM: ASS
PLASTIC :GUIDE:HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK
:BUTTON:HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK

PLATE AND PUSH ROD : STAINLESS

FEM CONTACT: PHOSPHOR BRONZE

EMI CONTACT: PHOSPHOR BRONZE
STAND OFF : BRASS

STAND-OFF : BRASS

5. FINISH (PIN)

UNDER PLATING : 0.5 μ m MIN. Ni

CONTACT AREA : 0.076 μm MIN. GOLD

SPECIAL COST PLATING IS 0.25uM GOLD

SOLDER TAIL : 2.5 μ m MIN. Sn-Pb (FOR TIN LEAD OPTION)

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±0.1	3.5±0.1	5.0±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

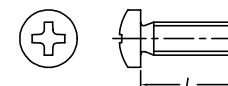
APPLICATION WITH A 1.00MM MINIMUM THICK CIRCUIT BOARD.

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

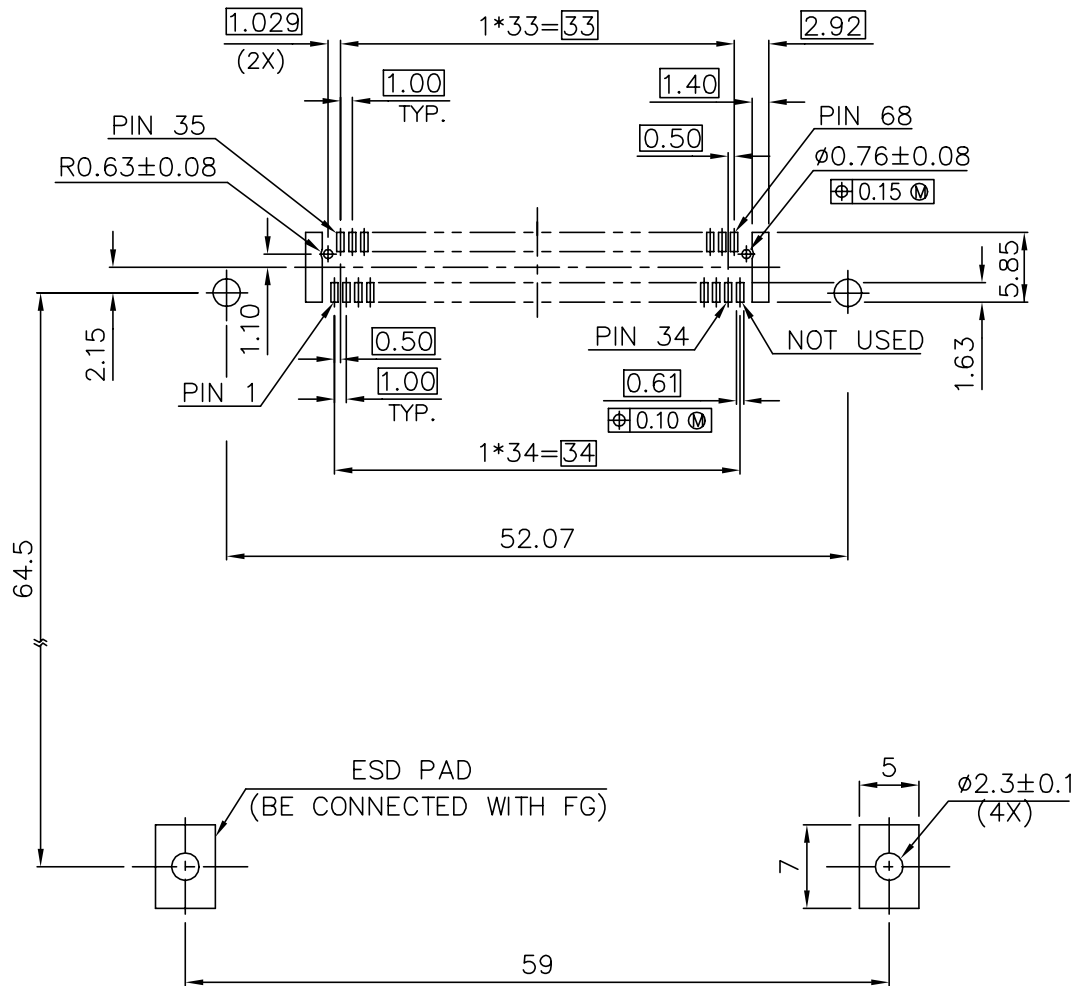


ORDERING INFORMATION

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

mat'l. code				surface		tolerance		projection		product family			
				ISO 1302		ISO 406 ISO 1101				PCMCIA			
ltr		ecn no		dr		date		tolerances unless otherwise specified		title			
A		T70299		W L		09/08/97		angleslinear MM		68 POS EJECTOR HEADER HSG (FOR 5.0V)			
B		T90062		W L		02/24/99							
C		T00304		W L		10/09/00							
						±2'		.XXX±.051		scale			
D		T03-0254		W L		06/25/03		dr		Mike Zhou		06/05/06	
E		N05-0125		W B		05/10/05		engr		Mike Zhou		06/05/06	
F		N06-0110		M Z		06/22/06		chr		Mike Zhou		06/05/06	
G		ELX-N-01145		ZK		04/25/12		appd		Jack Wang		06/05/06	
sheet		revision		G		G		G		G		G	
index		sheet		1		2		3		4		5	

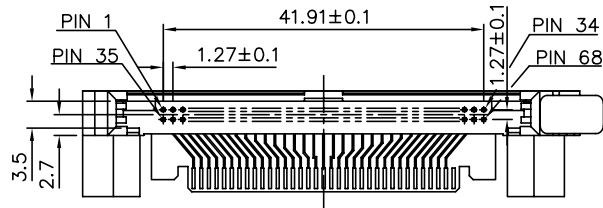
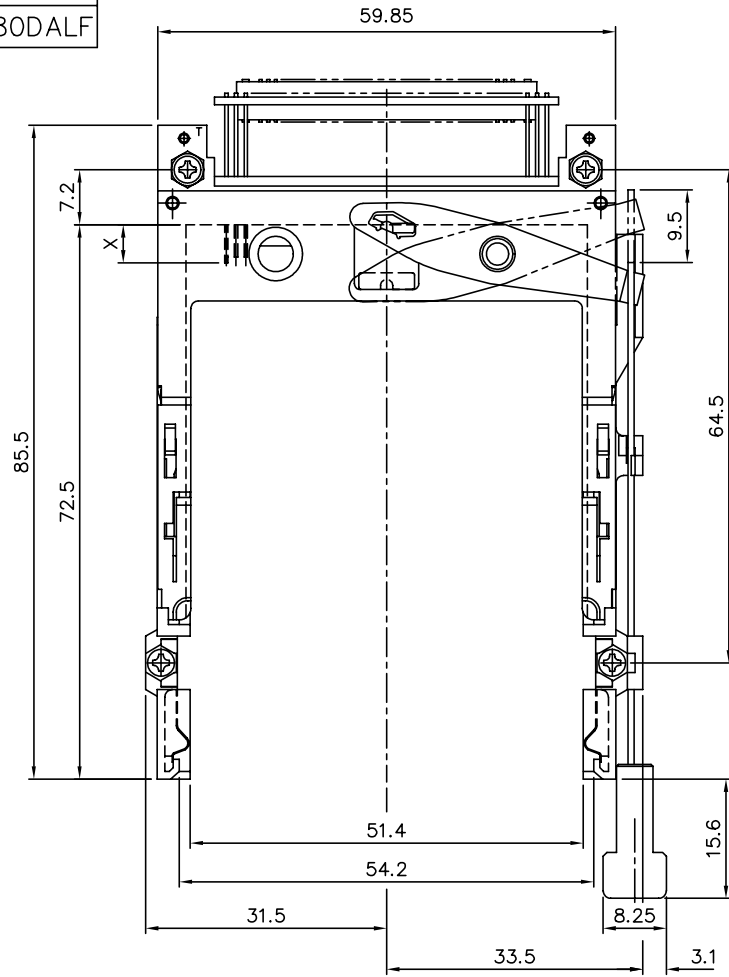
PART NUMBER
74031-118CA/118CALF
74031-118MCALF



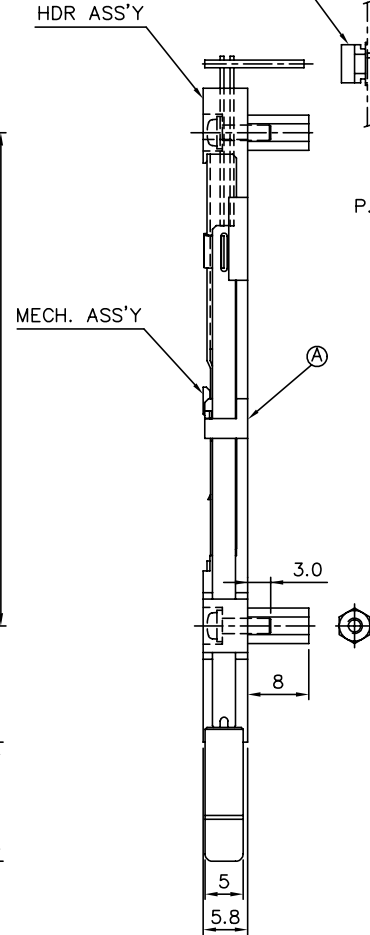
BOARD VIEW FROM CONNECTOR MOUNTED SIDE
TOP OF BOARD IN APPLICATION

mat'l. code		surface	tolerance	projection	product family
ISO 1302		ISO 406	ISO 1181	ISO 1181	PCMCIA
ltr	ecn	no	dr	date	tolerances unless otherwise specified
G					angles
					linear
					±2°
					dr
					engr
					chr
					appd
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
 - : 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
- 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

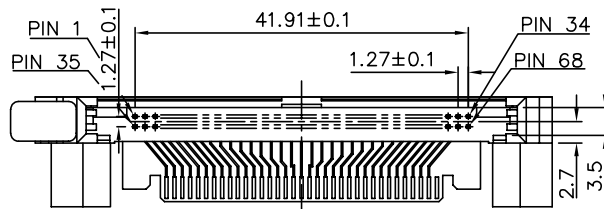
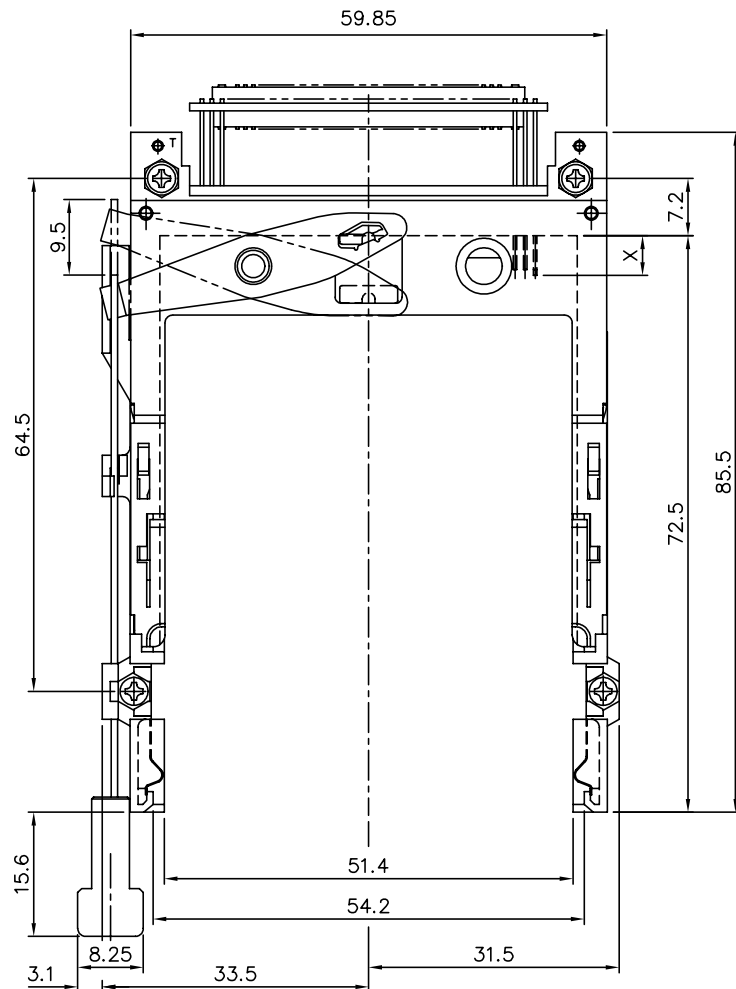
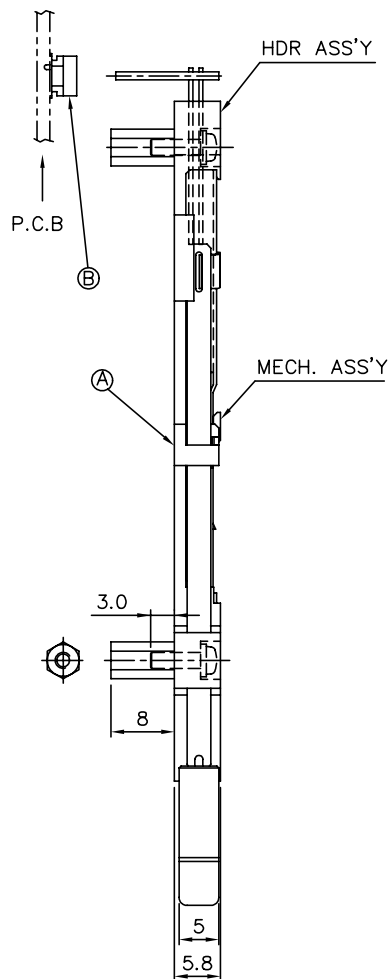
ORDERING INFORMATION

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

mat'l. code	surface	tolerance	projection	product family
	ISO 1302	ISO 406 ISO 1101		PCMCIA
ltr ecn no dr date	tolerances unless otherwise specified			
g	angles	$\pm$ 0.3	MM	68 POS EJECTOR HEADER HSG (FOR 5.0V)
	$\pm$ 2°	linear	scale	
dr	Mike Zhou	06/05/06		
engr	Mike Zhou	06/05/06		
chr	Mike Zhou	06/05/06		
appd	Jack Wang	06/05/06		
sheet index	revision sheet			

PRODUCT NO.

74031-180DA/180DALF



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

NOTES:

- 8mm MIN. CARD EJECT.
- EJECT TRAVEL: 9.5mm
- PUSH ROD LOCATION AND P.C.B. SIDE ARE AS APPEARS INSTALLED.
- MATERIAL
 - 4.1 HEADER ASS'Y
PLASTIC : HOUSING ...HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK
PIN : PHOSPHOR BRONZE
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
- 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±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	74031-180DA/180DALF	1
(B) MATING RECEPTACLE	91931-31169/31169LF	1

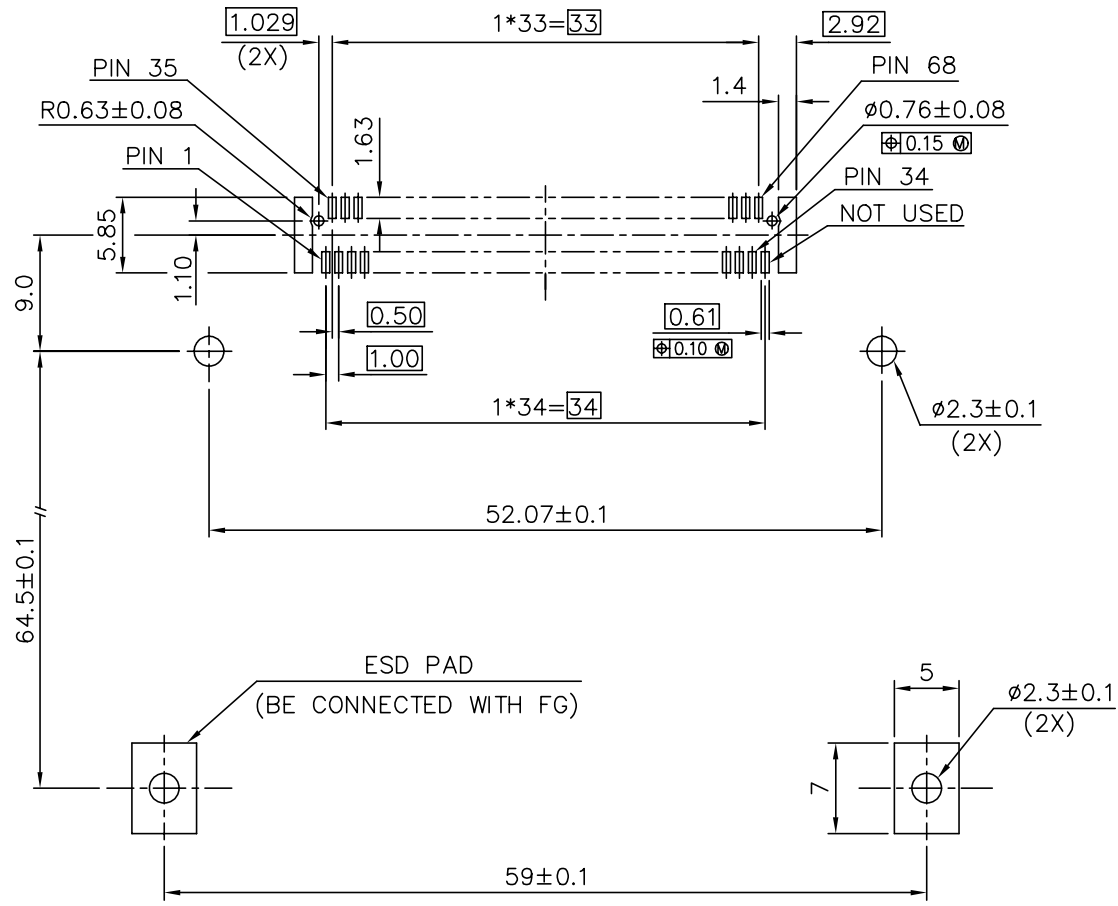
mat'l. code	surface ISO 1302	tolerance ISO 406 ISO 1101	projection ISO 1101	product family PCMCIA
ltr ecn naddr date	tolerances unless otherwise specified			
g	angles	linear	MM	68 POS EJECTOR HEADER HSG (FOR 5.0V)
	±2°	±0.3	scale	
dr	Mike Zhou	06/05/06		
engr	Mike Zhou	06/05/06		
chr	Mike Zhou	06/05/06		
appd	Jack Wang	06/05/06		
sheet index	revision sheet			

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PRODUCT NO.
74031-080DA
74031-180DA
74031-080DALF
74031-180DALF



4 CARD INSERTION DIRECTION

mat'l. code	surface	tolerance	projection	product family
	ISO 1302	ISO 406	ISO 1101	PCMCIA
ltr ecn no dr	date	tolerances unless otherwise specified	title	
G		±0.3	MM	EJECTOR HEADER ASS'Y
		angles	scale	68POS. SMT, TYPE 1/2/3
		±2°		
dr	Mike Zhou	06/05/06		dwg no
enr	Mike Zhou	06/05/06		sheet 5 of 5
chr	Mike Zhou	06/05/06		size
app	Jack Wang	06/05/06		A4
sheet index	revision sheet			type CUSTOMER Drawing