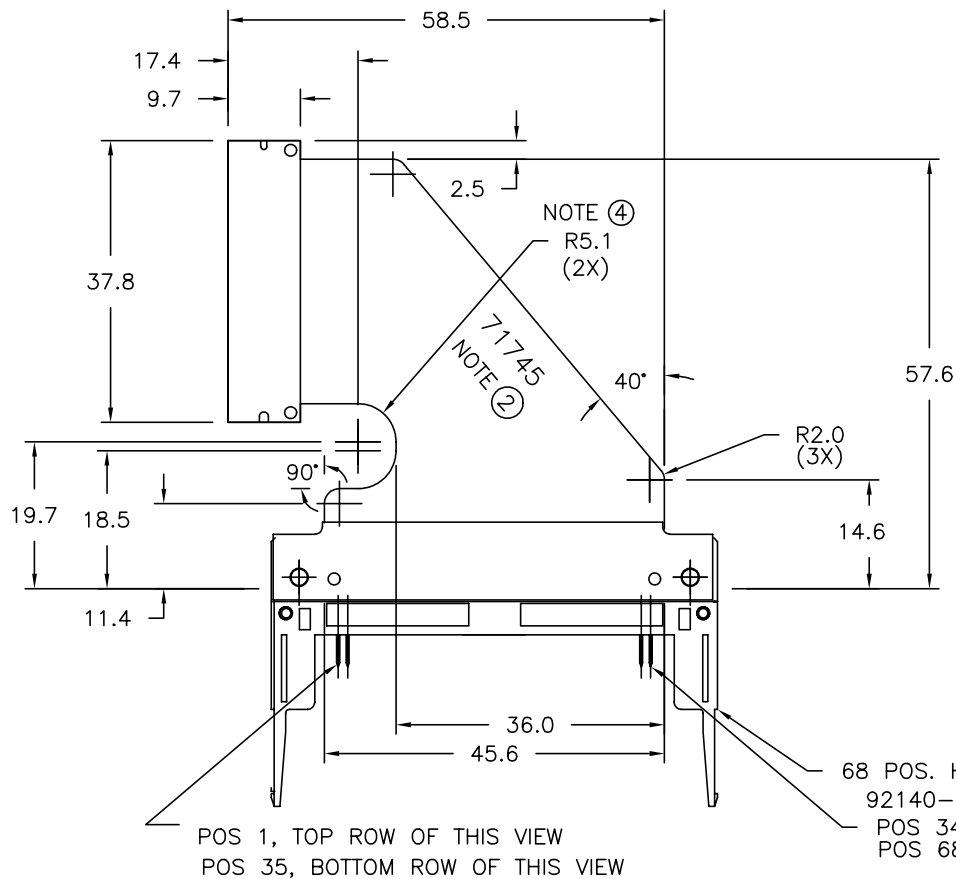
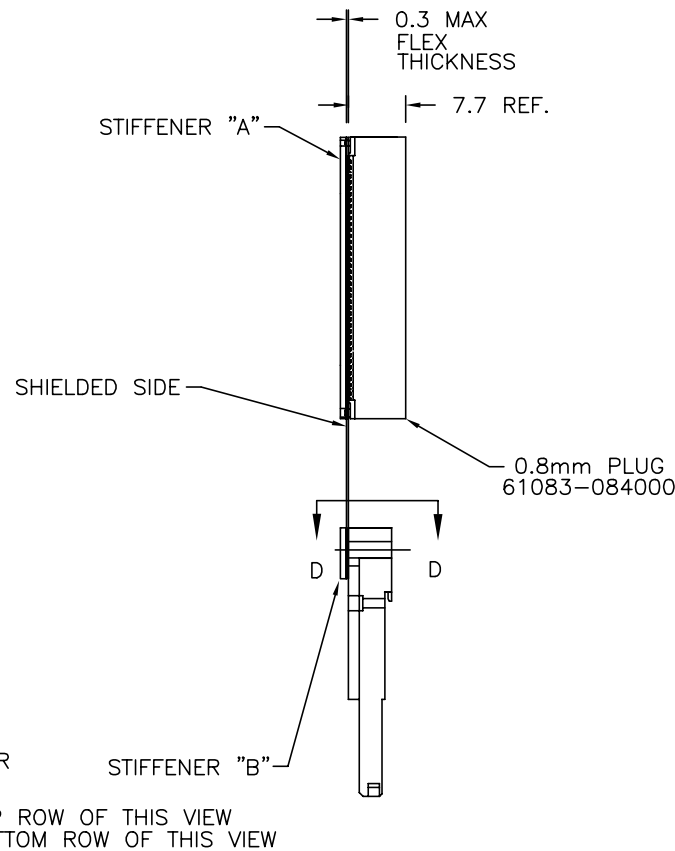


PRODUCT NO.
71745-001



NOTE:

1. FLEX IS DIMENSIONED IN THE FLAT.
- ② BASE NUMBER 71745 STENCILED.
3. CONNECTORS SOLDERED WITH 60/40 TIN-LEAD SOLDER.
- ④ .005" KAPTON ON TOP SIDE IN RADIUS AREA TO PREVENT DAMAGE.



mat'l. code					surface		tolerance			product family					
					ISO 1302		ISO 406 ISO 1101								
l	tr	ec	n	dr	date	tolerances unless otherwise specified					title				
A	V60698	RHG	4/24/96			angles	linear	.X±.3			PCMCIA FLEX ASSEMBLY				
B	V60982	RHG	6/26/96					.XX±.13							
C	V61844	RHG	1/3/97					.XXX±.051			scale 1:1				
D	V71569	RHG	11/5/97	dr		R.GRAPE	4/24/96			dwg no		sheet 1 of 5		size	
E	V91855	CGC	8/24/99	engr		D.BRANN	4/24/96			71745				A4	
F	V10419	TFG	1/31/01	chr		D.BRANN	4/24/96								
G	V09-0118	SH	05/18/09	appd		D.BRANN	4/24/96								
sheet		revision		G	G	G	G	G	G						
index		sheet		1	2	3	4	5							

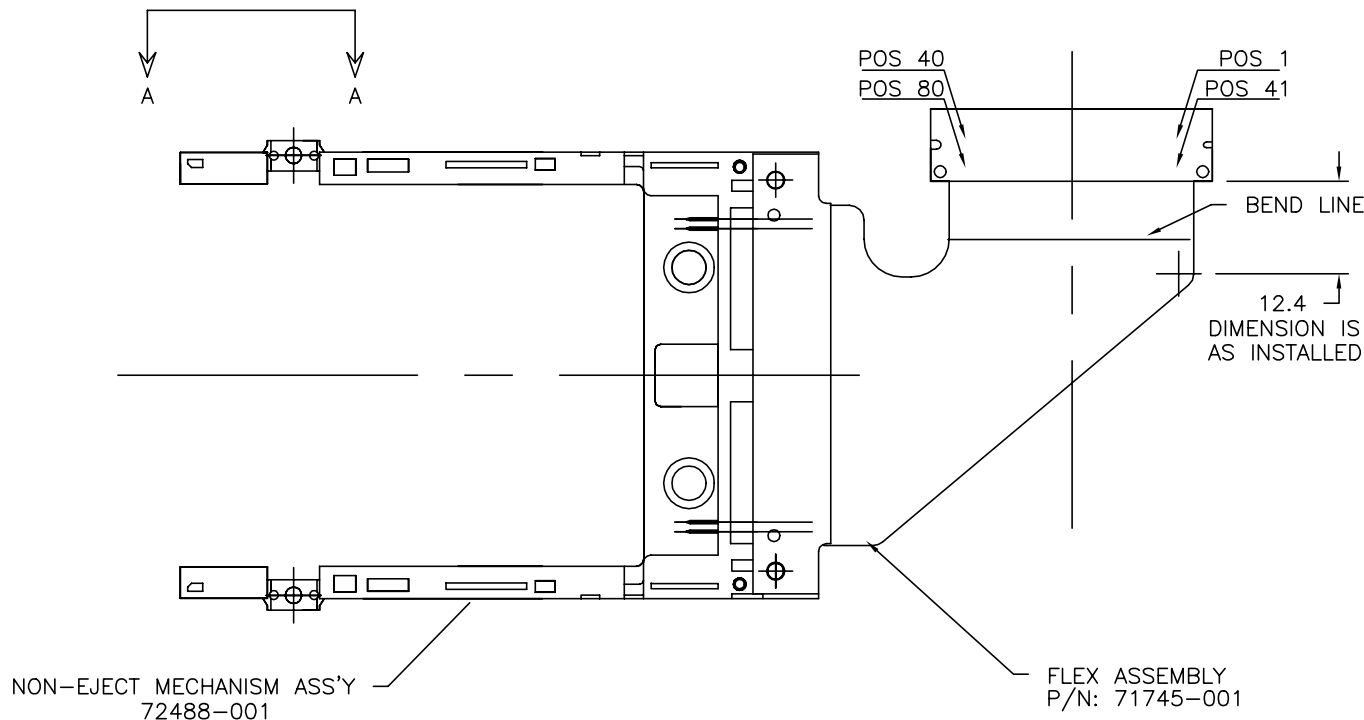
PRODUCT NO.
71745-003

NOTES:

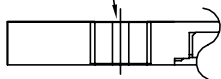
1. NON-EJECT MECHANISM INSTALLED ON HEADER.
2. MARKING: -003L AND DATE CODE STAMPED ON FLEX.

ASSEMBLY INSTRUCTIONS

1. ATTACH EJECT MECHANISM TO HEADER. MECHANISM COVER PLATE MUST BE UNDERNEATH HEADER HOUSING LIP. THIS LIP HAS 3 NOTCHES ACROSS ITS LENGTH AND THE SHEET METAL IS VISIBLE UNDER THE LIP WHEN PROPERLY INSTALLED.

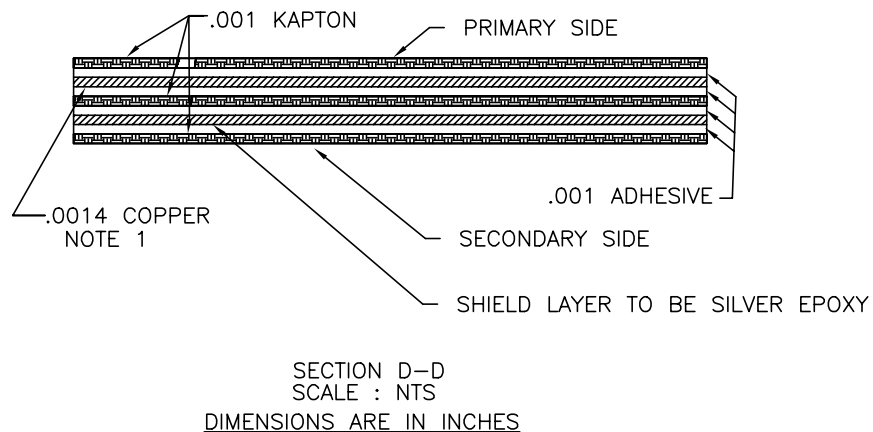


SOLID GUIDE RAILS
NO HEX NUT POCKET
Ø2.2 THRU HOLE



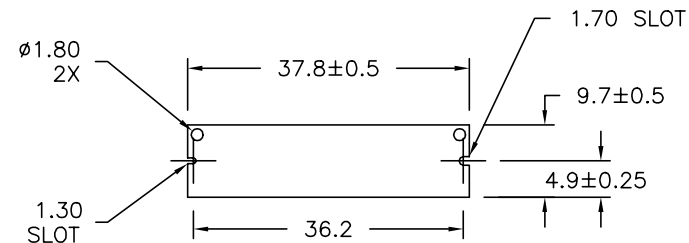
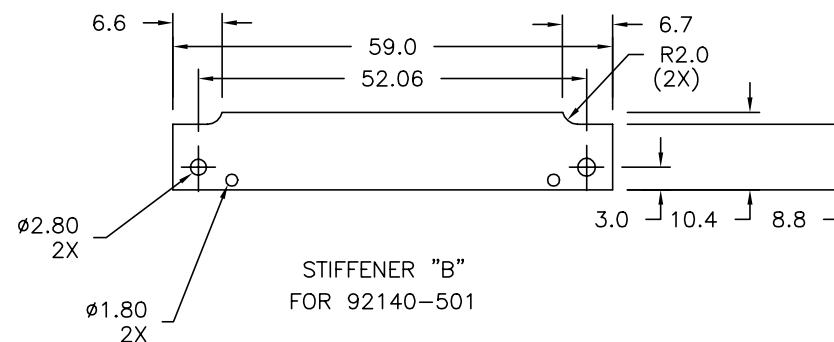
VIEW A - A

mat'l. code				surface ISO 1302		tolerance ISO 406 ISO 1101			product family	
l	tr	ec	n	o	d	r	date		title	
G									PCMCIA FLEX ASSEMBLY	
									dwg no 71745 sheet 3 of 5 size A4	
									type CUSTOMER Drawing	
sheet index		revision sheet								

PRODUCT NO.
71745-002

NOTES: (FOR FLEX)

1. MATERIAL: BASE TO BE 1 MIL POLYIMIDE (KAPTON OR EQUIV.) WITH 1 OZ ROLLED ANNEALED COPPER PER IPC-FC-241. COVERLAYER TO BE 1 MIL POLYIMIDE (KAPTON OR EQUIV.) PER IPC-FC-231, OR IPC-FC-232 PERMANENTLY LAMINATED TOGETHER.
2. FINISH TO BE BRIGHT TIN LEAD COATING ON EXPOSED AREAS.
3. WORKMANSHIP STANDARDS SHALL BE IN ACCORDANCE WITH IPC-FC-250 (CIRCUITS IN LIEU OF COUPONS WILL BE USED FOR QUALITY CONFORMANCE TESTING) FOR CLASS 2 CIRCUITS
4. MIN. CONDUCTOR WIDTH TO BE 0.076mm (.003") MIN. CONDUCTOR TO CONDUCTOR AND CONDUCTOR TO PAD SPACING TO BE 0.13mm (.005") MIN.
5. PRINT WILL NOT BE CHANGED WITHOUT OBTAINING CONCURRENCE FROM LOCKHEED-MARTIN ENGINEERING.
6. ADDITIONAL HOLES MAY BE LOCATED IN CIRCUIT AND STIFFENERS TO AID IN MANUFACTURING PROCESS.

STIFFENER "A"
FOR 61083-084000STIFFENER "B"
FOR 92140-501

NOTES: (FOR STIFFENER "A" & "B")

1. MATERIAL: (STIFFENER "A") 1.6±.20 (.063±.008") THK EPOXY GLASS FR-4. (STIFFENER "B") .81±.18 (.032±.007") THK EPOXY GLASS FR-4.
2. REMOVE ALL BURRS AND SHARP EDGES.
3. ATTACH STIFFENER USING 0.1 (.004") MAX PRESSURE SENSITIVE TAPE, 3M, NO.467, WITHIN ±.25 (±.01") OF EDGE OF FLEX.

mat'l. code				surface ISO 1302		tolerance ISO 406 ISO 1101				product family								
l	t	r	e	c	n	d	r	date	tolerances unless otherwise specified		title PCMCIA FLEX ASSEMBLY							
G									angles						linear		.X±.3	
									±2°		linear		.XX±.13					
									±2°		linear		.XXX±.051					
									dr	R.GRAPE	4/24/96							
									engr	D.BRANN	4/24/96							
									chr	D.BRANN	4/24/96							
									appd	D.BRANN	4/24/96							
sheet		revision																
index		sheet																

PRODUCT NO.
71745-002

PIN ASSIGNMENTS

61083-084000 HEADER PIN NO.	TYPE	92140-501 HEADER PIN NO.	61083-084000 HEADER PIN NO.	TYPE	92140-501 HEADER PIN NO.
40	SHIELD GND		80	SHIELD GND	
39	SHIELD GND		79	SHIELD GND	
38	SHIELD GND		78	SHIELD GND	
37	SIGNAL GND	1	77	SIGNAL GND	35
36	D3	2	76	CD1-N	36
35	D4	3	75	D11	37
34	D5	4	74	D12	38
33	D6	5	73	D13	39
32	D7	6	72	D14	40
31	CE1-N	7	71	D15	41
30	A10	8	70	CE2-N	42
29	OE-N	9	69	RFSH	43
28	A11	10	68	IORD-N	44
27	A9	11	67	IOWR-N	45
26	A8	12	66	A17	46
25	A13	13	65	A18	47
24	A14	14	64	A19	48
23	WE-N	15	63	A20	49
22	RDY	16	62	A21	50
21	SHIELD GND	SEE PIN 61	61	Vcc	51
20	VPP1	18	60	Vcc	17
19	A16	19	59	Vpp2	52
18	A15	20	58	A22	53
17	A12	21	57	A23	54
16	A7	22	56	A24	55
15	A6	23	55	A25	56
14	A5	24	54	5VDET	57
13	A4	25	53	RESET	58
12	A3	26	52	WAIT-N	59
11	A2	27	51	INPACK-N	60
10	A1	28	50	REG-N	61
9	A0	29	49	BVD2	62
8	D0	30	48	BVD1	63
7	D1	31	47	D8	64
6	D2	32	46	D9	65
5	WP/IOIS16	33	45	D10	66
4	SIGNAL GND	34	44	CD2-N	67
3	SHIELD GND		43	SIGNAL GND	68
2	SHIELD GND		42	SHIELD GND	
1	SHIELD GND		41	SHIELD GND	

NOTES:

- 1 RECOMMENDED SCREW TORQUE: 1.0 TO 1.5 MAX in-lbs. (1.2-1.7 cm-kgs).
- 2 MATERIAL:
- 2.1 HEADER ASSY (92140-501):
PLASTIC HOUSING: LCP UL94V-O NATURAL (WHITE) - BELOW PCB
PIN: PHOSPHOR BRONZE
- 2.2 HEADER ASSY (61083-084000):
PLASTIC HOUSING: LCP UL94V-O NATURAL (WHITE)
PIN: BRASS
- 2.3 EJECT MECHANISM ASSY (61571-10FA):
PLASTIC GUIDE: POLYPHTHARAMID UL94V-O BLACK
PLASTIC PUSH-ROD: POLYPHTHARAMID UL94V-O BLACK
COVER PLATE, EJECT PLATE, LINK ARM: STAINLESS STEEL
EMI CONTACT: PHOSPHOR BRONZE
- 2.4 NON-EJECT MECHANISM ASSY (72488-001):
PLASTIC GUIDE: POLYPHTHARAMID UL94V-O BLACK
COVER PLATE: STAINLESS STEEL
- 3 FINISH (PIN)
- 3.1 HEADER ASSY (92140-501): UNDER PLATING: 0.5um Ni
CONTACT AREA: 0.1um GOLD OVER
0.5um Pd-Ni
SOLDER TAIL: 2.5um Sn-Pb
- 3.2 HEADER ASSY (61083-084000): CONTACT AREA: 0.2um Au
SOLDER TAIL: 1um Sn-Pb

mat'l. code		surface ISO 1302		tolerance ISO 406 ISO 1101		product family	
ltr ecn no dr date		tolerances unless otherwise specified		title		PCMCIA FLEX ASSEMBLY	
G		angles linear		MM		dwg no 71745	
		±2°		scale 1:1		sheet 5 of 5	
		dr R.GRAPE 4/24/96		FCI		size A4	
		engr D.BRANN 4/24/96				type CUSTOMER Drawing	
		chr D.BRANN 4/24/96					
		appd D.BRANN 4/24/96					
sheet index		revision sheet					