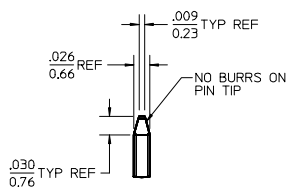
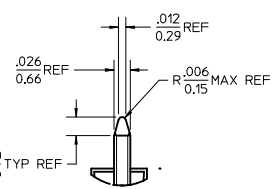


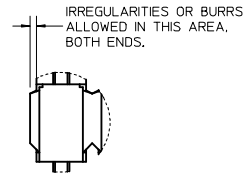
CKTS	DIM A	DIM B
2	.100/2.54	.200/5.08
3	.200/5.08	.300/7.62
4	.300/7.62	.400/10.16
5	.400/10.16	.500/12.70
6	.500/12.70	.600/15.24
7	.600/15.24	.700/17.78
8	.700/17.78	.800/20.32
9	.800/20.32	.900/22.86
10	.900/22.86	1.000/25.40
11	1.000/25.40	1.100/27.94
12	1.100/27.94	1.200/30.48
13	1.200/30.48	1.300/33.02
14	1.300/33.02	1.400/35.56
15	1.400/35.56	1.500/38.10
16	1.500/38.10	1.600/40.64
17	1.600/40.64	1.700/43.18
18	1.700/43.18	1.800/45.72
19	1.800/45.72	1.900/48.26
20	1.900/48.26	2.000/50.80
21	2.000/50.80	2.100/53.34
22	2.100/53.34	2.200/55.88
23	2.200/55.88	2.300/58.42
24	2.300/58.42	2.400/60.96
25	2.400/60.96	2.500/63.50
26	2.500/63.50	2.600/66.04
27	2.600/66.04	2.700/68.58
28	2.700/68.58	2.800/71.12
29	2.800/71.12	2.900/73.66
30	2.900/73.66	3.000/76.20
31	3.000/76.20	3.100/78.74
32	3.100/78.74	3.200/81.28
33	3.200/81.28	3.300/83.82
34	3.300/83.82	3.400/86.36
35	3.400/86.36	3.500/88.90
36	3.500/88.90	3.600/91.44



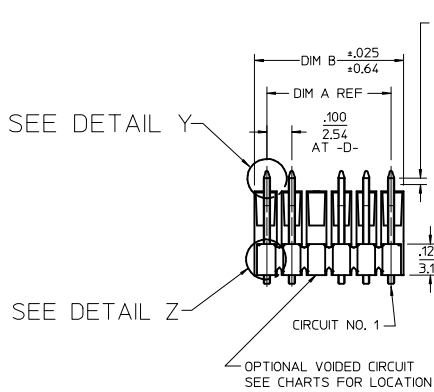
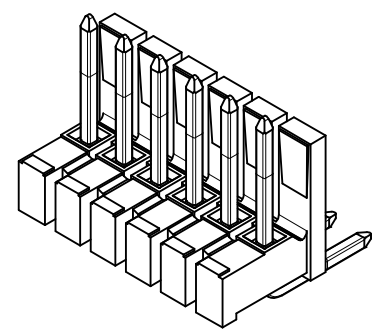
DETAIL X
SCALE 5:1
SEE NOTE 10



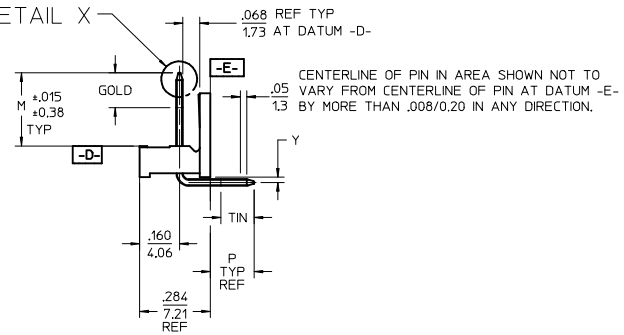
DETAIL Y
SCALE 5:1
SEE NOTE 10



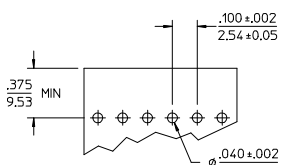
DETAIL Z
SCALE 5:1



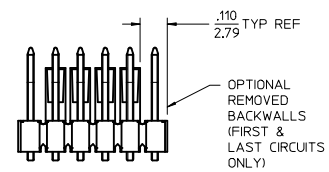
SEE DETAIL X



- NOTES:
- MATERIAL: GLASS FILLED NYLON, 94V-0, COLOR: BLACK
 - FINISH:
 - (154) OVERALL TIN: .000100/0.00254 MIN. OVER .000050/0.00127 MIN NICKEL.
 - (208) SELECT GOLD: .000015/0.00038 MIN. SELECT TIN: .000100/0.00254 MIN. OVERALL NICKEL UNDERPLATE: .000050/0.00127 MIN.
 - (228) SELECT GOLD: .000030/0.00076 MIN. SELECT TIN: .000100/0.00254 MIN. OVERALL NICKEL UNDERPLATE: .000050/0.00127 MIN.
 - PRODUCT SPECIFICATION: PS-10-07.
 - PACKAGING INFORMATION: SEE TABLES
 - KINK PIN OPTION NOT RECOMMENDED FOR 2 CIRCUIT PARTS. HOLE SIZE MAY NEED TO BE ADJUSTED ON 2 CIRCUIT PARTS WITH KINK OPTION FOR PROPER INSERTION INTO THE PCB. SEE SMES-42003 FOR ADDITIONAL INFORMATION ON KINK DIRECTION AND PLACEMENT.
 - HEADERS ARE NOT STACKABLE ON .100/2.54 CENTERS.
 - SOLDERABILITY PER SMES-152.
 - PIN PUSH OUT FORCE: 3 LBS. MIN.
 - PARTS CONFORM TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
 - PIN TIP DIMENSIONS ARE SHOWN FOR REFERENCE ONLY. DIMENSIONS APPLY PRIOR TO PLATING OR ASSEMBLY.
 - FIRST AND LAST CIRCUIT BACKWALLS MUST BE REMOVED WHEN MATING TO A PART WITH POLARIZING RIBS.



RECOMMENDED PC BOARD LAYOUT



REMOVED BACKWALL OPTION
SEE NOTE 11

ADD NOTE 11 EC NO: UCP2014-1471 DRWN:WK/PPER 2013/10/01 CHKD:ANDERSON 2013/10/01 APPR:FSMITH 2013/10/09 J7	DESCRIPTION	QUALITY SYMBOLS ▽F=0 ▽E=0 ▽F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY JSCHAFFER	DATE 2003/09/23	TITLE .100 POLARIZING BREAKAWAY HEADER ASSY	
			4 PLACES	± ---	± ---	CHECKED BY	DATE		
			3 PLACES	± ---	± .010	KSAMIEC	2003/09/23		
			2 PLACES	± 0.25	± .014	APPROVED BY	DATE		
			1 PLACE	± 0.36	± ---	MARGULIS	2003/09/23		
			0 PLACE	±	±	MATERIAL NO.		DOCUMENT NO.	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE B		SEE CHART SD-42226-001 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

A-42226-0002/0036						A-42226-0037/0071					
HEADER NUMBER:		41410				HEADER NUMBER:		41410			
PLATING:		154				PLATING:		208			
PIN LENGTH: L		.670/17.02				PIN LENGTH: L		.670/17.02			
MATING LENGTH: M		.295/7.49				MATING LENGTH: M		.295/7.49			
GOLD POINT: G		N/A				GOLD POINT: G		.140/3.56			
PC TAIL LENGTH: P		.120/3.05				PC TAIL LENGTH: P		.120/3.05			
TIN: T		OVERALL				TIN: T		.135/3.43			
DIMENSION Y		.022/0.56				DIMENSION Y		.022/0.56			
CKTS:		2-36				CKTS:		2-36			
KINKS:		NO				KINKS:		NO			
REMOVED BACKWALLS:		NO				REMOVED BACKWALLS:		NO			
VOIDED CKTS:		NONE				VOIDED CKTS:		NONE			
PACKAGING:		BULK, PER PK-40873-0056				PACKAGING:		BULK, PER PK-40873-0056			
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER
02	22-28-2020	A-42226-0002	20	22-28-2200	A-42226-0020	02	22-28-2022	A-42226-0037	20	22-28-2202	A-42226-0055
03	22-28-2030	A-42226-0003	21	22-28-2210	A-42226-0021	03	22-28-2032	A-42226-0038	21	22-28-2212	A-42226-0056
04	22-28-2040	A-42226-0004	22	22-28-2220	A-42226-0022	04	22-28-2042	A-42226-0039	22	22-28-2222	A-42226-0057
05	22-28-2050	A-42226-0005	23	22-28-2230	A-42226-0023	05	22-28-2052	A-42226-0040	23	22-28-2232	A-42226-0058
06	22-28-2060	A-42226-0006	24	22-28-2240	A-42226-0024	06	22-28-2062	A-42226-0041	24	22-28-2242	A-42226-0059
07	22-28-2070	A-42226-0007	25	22-28-2250	A-42226-0025	07	22-28-2072	A-42226-0042	25	22-28-2252	A-42226-0060
08	22-28-2080	A-42226-0008	26	22-28-2260	A-42226-0026	08	22-28-2082	A-42226-0043	26	22-28-2262	A-42226-0061
09	22-28-2090	A-42226-0009	27	22-28-2270	A-42226-0027	09	22-28-2092	A-42226-0044	27	22-28-2272	A-42226-0062
10	22-28-2100	A-42226-0010	28	22-28-2280	A-42226-0028	10	22-28-2102	A-42226-0045	28	22-28-2282	A-42226-0063
11	22-28-2110	A-42226-0011	29	22-28-2290	A-42226-0029	11	22-28-2112	A-42226-0046	29	22-28-2292	A-42226-0064
12	22-28-2120	A-42226-0012	30	22-28-2300	A-42226-0030	12	22-28-2122	A-42226-0047	30	22-28-2302	A-42226-0065
13	22-28-2130	A-42226-0013	31	22-28-2310	A-42226-0031	13	22-28-2132	A-42226-0048	31	22-28-2312	A-42226-0066
14	22-28-2140	A-42226-0014	32	22-28-2320	A-42226-0032	14	22-28-2142	A-42226-0049	32	22-28-2322	A-42226-0067
15	22-28-2150	A-42226-0015	33	22-28-2330	A-42226-0033	15	22-28-2152	A-42226-0050	33	22-28-2332	A-42226-0068
16	22-28-2160	A-42226-0016	34	22-28-2340	A-42226-0034	16	22-28-2162	A-42226-0051	34	22-28-2342	A-42226-0069
17	22-28-2170	A-42226-0017	35	22-28-2350	A-42226-0035	17	22-28-2172	A-42226-0052	35	22-28-2352	A-42226-0070
18	22-28-2180	A-42226-0018	36	22-28-2360	A-42226-0036	18	22-28-2182	A-42226-0053	36	22-28-2362	A-42226-0071
19	22-28-2190	A-42226-0019				19	22-28-2192	A-42226-0054			

REV:	ECR/ECN INFORMATION	TITLE:	SHEET No.
J6	EC No.: UCP2013-0900	.100 POLARIZING BREAKAWAY HEADER ASSY.	- 2 -
	DATE: 2012-09-07		
DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SD- 42226 -001	MKIPPER	JBELL	FSMITH-ROEMER

TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC

A-42226-0072/0106						A-42226-0107/0141					
HEADER NUMBER:		41410				HEADER NUMBER:		41410			
PLATING:		228				PLATING:		154			
PIN LENGTH: L		.670/17.02				PIN LENGTH: L		.685/17.40			
MATING LENGTH: M		.295/7.49				MATING LENGTH: M		.295/7.49			
GOLD POINT: G		.140/3.56				GOLD POINT: G		N/A			
PC TAIL LENGTH: P		.120/3.05				PC TAIL LENGTH: P		.135/3.43			
TIN: T		.135/3.43				TIN: T		OVERALL			
DIMENSION Y		.022/0.56				DIMENSION Y		.022/0.56			
CKTS:		2-36				CKTS:		2-36			
KINKS:		NO				KINKS:		YES			
REMOVED BACKWALLS:		NO				REMOVED BACKWALLS:		NO			
VOIDED CKTS:		NONE				VOIDED CKTS:		NONE			
PACKAGING:		BULK, PER PK-40873-0056				PACKAGING:		BULK, PER PK-40873-0056			
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER
02	22-28-2023	A-42226-0072	20	22-28-2203	A-42226-0090	02	22-28-2024	A-42226-0107	20	22-28-2204	A-42226-0125
03	22-28-2033	A-42226-0073	21	22-28-2213	A-42226-0091	03	22-28-2034	A-42226-0108	21	22-28-2214	A-42226-0126
04	22-28-2043	A-42226-0074	22	22-28-2223	A-42226-0092	04	22-28-2044	A-42226-0109	22	22-28-2224	A-42226-0127
05	22-28-2053	A-42226-0075	23	22-28-2233	A-42226-0093	05	22-28-2054	A-42226-0110	23	22-28-2234	A-42226-0128
06	22-28-2063	A-42226-0076	24	22-28-2243	A-42226-0094	06	22-28-2064	A-42226-0111	24	22-28-2244	A-42226-0129
07	22-28-2073	A-42226-0077	25	22-28-2253	A-42226-0095	07	22-28-2074	A-42226-0112	25	22-28-2254	A-42226-0130
08	22-28-2083	A-42226-0078	26	22-28-2263	A-42226-0096	08	22-28-2084	A-42226-0113	26	22-28-2264	A-42226-0131
09	22-28-2093	A-42226-0079	27	22-28-2273	A-42226-0097	09	22-28-2094	A-42226-0114	27	22-28-2274	A-42226-0132
10	22-28-2103	A-42226-0080	28	22-28-2283	A-42226-0098	10	22-28-2104	A-42226-0115	28	22-28-2284	A-42226-0133
11	22-28-2113	A-42226-0081	29	22-28-2293	A-42226-0099	11	22-28-2114	A-42226-0116	29	22-28-2294	A-42226-0134
12	22-28-2123	A-42226-0082	30	22-28-2303	A-42226-0100	12	22-28-2124	A-42226-0117	30	22-28-2304	A-42226-0135
13	22-28-2133	A-42226-0083	31	22-28-2313	A-42226-0101	13	22-28-2134	A-42226-0118	31	22-28-2314	A-42226-0136
14	22-28-2143	A-42226-0084	32	22-28-2323	A-42226-0102	14	22-28-2144	A-42226-0119	32	22-28-2324	A-42226-0137
15	22-28-2153	A-42226-0085	33	22-28-2333	A-42226-0103	15	22-28-2154	A-42226-0120	33	22-28-2334	A-42226-0138
16	22-28-2163	A-42226-0086	34	22-28-2343	A-42226-0104	16	22-28-2164	A-42226-0121	34	22-28-2344	A-42226-0139
17	22-28-2173	A-42226-0087	35	22-28-2353	A-42226-0105	17	22-28-2174	A-42226-0122	35	22-28-2354	A-42226-0140
18	22-28-2183	A-42226-0088	36	22-28-2363	A-42226-0106	18	22-28-2184	A-42226-0123	36	22-28-2364	A-42226-0141
19	22-28-2193	A-42226-0089				19	22-28-2194	A-42226-0124			

REV:	ECR/ECN INFORMATION	TITLE:	SHEET No.
J6	EC No.: UCP2013-0900	.100 POLARIZING BREAKAWAY HEADER ASSY.	- 3 -
	DATE: 2012-09-07		
DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SD- 42226 -001	MKIPPER	JBELL	FSMITH-ROEMER

TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC

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A-42226-0142/0176					
HEADER NUMBER:		41410			
PLATING:		208			
PIN LENGTH: L		.685/17.40			
MATING LENGTH: M		.295/7.49			
GOLD POINT: G		.140/3.56			
PC TAIL LENGTH: P		.135/3.43			
TIN: T		.100/2.54			
DIMENSION Y		.022/0.56			
CKTS:		2-36			
KINKS:		YES			
REMOVED BACKWALLS:		NO			
VOIDED CKTS:		NONE			
PACKAGING:		BULK, PER PK-40873-0056			
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER
02	22-28-2025	A-42226-0142	20	22-28-2205	A-42226-0160
03	22-28-2035	A-42226-0143	21	22-28-2215	A-42226-0161
04	22-28-2045	A-42226-0144	22	22-28-2225	A-42226-0162
05	22-28-2055	A-42226-0145	23	22-28-2235	A-42226-0163
06	22-28-2065	A-42226-0146	24	22-28-2245	A-42226-0164
07	22-28-2075	A-42226-0147	25	22-28-2255	A-42226-0165
08	22-28-2085	A-42226-0148	26	22-28-2265	A-42226-0166
09	22-28-2095	A-42226-0149	27	22-28-2275	A-42226-0167
10	22-28-2105	A-42226-0150	28	22-28-2285	A-42226-0168
11	22-28-2115	A-42226-0151	29	22-28-2295	A-42226-0169
12	22-28-2125	A-42226-0152	30	22-28-2305	A-42226-0170
13	22-28-2135	A-42226-0153	31	22-28-2315	A-42226-0171
14	22-28-2145	A-42226-0154	32	22-28-2325	A-42226-0172
15	22-28-2155	A-42226-0155	33	22-28-2335	A-42226-0173
16	22-28-2165	A-42226-0156	34	22-28-2345	A-42226-0174
17	22-28-2175	A-42226-0157	35	22-28-2355	A-42226-0175
18	22-28-2185	A-42226-0158	36	22-28-2365	A-42226-0176
19	22-28-2195	A-42226-0159			

A-42226-0177/0211					
HEADER NUMBER:		41410			
PLATING:		228			
PIN LENGTH: L		.685/17.40			
MATING LENGTH: M		.295/7.49			
GOLD POINT: G		.140/3.56			
PC TAIL LENGTH: P		.135/3.43			
TIN: T		.100/2.54			
DIMENSION Y		.022/0.56			
CKTS:		2-36			
KINKS:		YES			
REMOVED BACKWALLS:		NO			
VOIDED CKTS:		NONE			
PACKAGING:		BULK, PER PK-40873-0056			
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER
02	22-28-2026	A-42226-0177	20	22-28-2206	A-42226-0195
03	22-28-2036	A-42226-0178	21	22-28-2216	A-42226-0196
04	22-28-2046	A-42226-0179	22	22-28-2226	A-42226-0197
05	22-28-2056	A-42226-0180	23	22-28-2236	A-42226-0198
06	22-28-2066	A-42226-0181	24	22-28-2246	A-42226-0199
07	22-28-2076	A-42226-0182	25	22-28-2256	A-42226-0200
08	22-28-2086	A-42226-0183	26	22-28-2266	A-42226-0201
09	22-28-2096	A-42226-0184	27	22-28-2276	A-42226-0202
10	22-28-2106	A-42226-0185	28	22-28-2286	A-42226-0203
11	22-28-2116	A-42226-0186	29	22-28-2296	A-42226-0204
12	22-28-2126	A-42226-0187	30	22-28-2306	A-42226-0205
13	22-28-2136	A-42226-0188	31	22-28-2316	A-42226-0206
14	22-28-2146	A-42226-0189	32	22-28-2326	A-42226-0207
15	22-28-2156	A-42226-0190	33	22-28-2336	A-42226-0208
16	22-28-2166	A-42226-0191	34	22-28-2346	A-42226-0209
17	22-28-2176	A-42226-0192	35	22-28-2356	A-42226-0210
18	22-28-2186	A-42226-0193	36	22-28-2366	A-42226-0211
19	22-28-2196	A-42226-0194			

REV: J6	<u>ECR/ECN INFORMATION</u>	<u>TITLE:</u> .100 POLARIZING BREAKAWAY HEADER ASSY.	<u>SHEET No.</u>	
	<u>EC No.:</u> UCP2013-0900		- 4 -	
	<u>DATE:</u> 2012-09-07			
<u>DOCUMENT NUMBER:</u> SD- 42226 -001		<u>CREATED / REVISED BY:</u> MKIPPER	<u>CHECKED BY:</u> JBELL	<u>APPROVED BY:</u> FSMITH-ROEMER

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A-42226-0213/0246					
HEADER NUMBER:		41410			
PLATING:		154			
PIN LENGTH: L		.670/17.02			
MATING LENGTH: M		.295/7.49			
GOLD POINT: G		N/A			
PC TAIL LENGTH: P		.120/3.05			
TIN: T		OVERALL			
DIMENSION Y		.022/0.56			
CKTS:		3-36			
KINKS:		NO			
REMOVED BACKWALLS:		YES			
VOIDED CKTS:		NONE			
PACKAGING:		BULK, PER PK-40873-0056			
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER
02			20	22-28-2207	A-42226-0230
03	22-28-2037	A-42226-0213	21	22-28-2217	A-42226-0231
04	22-28-2047	A-42226-0214	22	22-28-2227	A-42226-0232
05	22-28-2057	A-42226-0215	23	22-28-2237	A-42226-0233
06	22-28-2077	A-42226-0216	24	22-28-2247	A-42226-0234
07	22-28-2077	A-42226-0217	25	22-28-2257	A-42226-0235
08	22-28-2087	A-42226-0218	26	22-28-2267	A-42226-0236
09	22-28-2097	A-42226-0219	27	22-28-2277	A-42226-0237
10	22-28-2107	A-42226-0220	28	22-28-2287	A-42226-0238
11	22-28-2117	A-42226-0221	29	22-28-2297	A-42226-0239
12	22-28-2127	A-42226-0222	30	22-28-2307	A-42226-0240
13	22-28-2137	A-42226-0223	31	22-28-2317	A-42226-0241
14	22-28-2147	A-42226-0224	32	22-28-2327	A-42226-0242
15	22-28-2157	A-42226-0225	33	22-28-2337	A-42226-0243
16	22-28-2167	A-42226-0226	34	22-28-2347	A-42226-0244
17	22-28-2177	A-42226-0227	35	22-28-2357	A-42226-0245
18	22-28-2187	A-42226-0228	36	22-28-2367	A-42226-0246
19	22-28-2197	A-42226-0229			

A-42226-0248/0281					
HEADER NUMBER:		41410			
PLATING:		208			
PIN LENGTH: L		.670/17.02			
MATING LENGTH: M		.295/7.49			
GOLD POINT: G		.140/3.56			
PC TAIL LENGTH: P		.120/3.05			
TIN: T		.135/3.43			
DIMENSION Y		.022/0.56			
CKTS:		3-36			
KINKS:		NO			
REMOVED BACKWALLS:		YES			
VOIDED CKTS:		NONE			
PACKAGING:		BULK, PER PK-40873-0056			
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER
02			20	22-28-2208	A-42226-0265
03	22-28-2038	A-42226-0248	21	22-28-2218	A-42226-0266
04	22-28-2048	A-42226-0249	22	22-28-2228	A-42226-0267
05	22-28-2058	A-42226-0250	23	22-28-2238	A-42226-0268
06	22-28-2068	A-42226-0251	24	22-28-2248	A-42226-0269
07	22-28-2078	A-42226-0252	25	22-28-2258	A-42226-0270
08	22-28-2088	A-42226-0253	26	22-28-2268	A-42226-0271
09	22-28-2098	A-42226-0254	27	22-28-2278	A-42226-0272
10	22-28-2108	A-42226-0255	28	22-28-2288	A-42226-0273
11	22-28-2118	A-42226-0256	29	22-28-2298	A-42226-0274
12	22-28-2128	A-42226-0257	30	22-28-2308	A-42226-0275
13	22-28-2138	A-42226-0258	31	22-28-2318	A-42226-0276
14	22-28-2148	A-42226-0259	32	22-28-2328	A-42226-0277
15	22-28-2158	A-42226-0260	33	22-28-2338	A-42226-0278
16	22-28-2168	A-42226-0261	34	22-28-2348	A-42226-0279
17	22-28-2178	A-42226-0262	35	22-28-2358	A-42226-0280
18	22-28-2188	A-42226-0263	36	22-28-2368	A-42226-0281
19	22-28-2198	A-42226-0264			

REV: J6	<u>ECR/ECN INFORMATION</u> EC No.: UCP2013-0900 DATE: 2012-09-07	<u>TITLE:</u> .100 POLARIZING BREAKAWAY HEADER ASSY.	<u>SHEET No.</u> - 5 -
<u>DOCUMENT NUMBER:</u> SD- 42226 -001	<u>CREATED / REVISED BY:</u> MKIPPER	<u>CHECKED BY:</u> JBELL	<u>APPROVED BY:</u> FSMITH-ROEMER

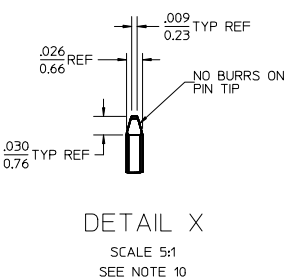
A-42226-0283/0316						A-42226-0318/0351					
HEADER NUMBER:			41410			HEADER NUMBER:			41410		
PLATING:			228			PLATING:			154		
PIN LENGTH: L			.670/17.02			PIN LENGTH: L			.685/17.40		
MATING LENGTH: M			.295/7.49			MATING LENGTH: M			.295/7.49		
GOLD POINT: G			.140/3.56			GOLD POINT: G			N/A		
PC TAIL LENGTH: P			.120/3.05			PC TAIL LENGTH: P			.135/3.43		
TIN: T			.135/3.43			TIN: T			OVERALL		
DIMENSION Y			.022/0.56			DIMENSION Y			.022/0.56		
CKTS:			3-36			CKTS:			3-36		
KINKS:			NO			KINKS:			YES		
REMOVED BACKWALLS:			YES			REMOVED BACKWALLS:			YES		
VOIDED CKTS:			NONE			VOIDED CKTS:			NONE		
PACKAGING:			BULK, PER PK-40873-0056			PACKAGING:			BULK, PER PK-40873-0056		
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER
02			20	22-28-2209	A-42226-0300	02			20	22-31-4200	A-42226-0335
03	22-28-2039	A-42226-0283	21	22-28-2219	A-42226-0301	03	22-31-4030	A-42226-0318	21	22-31-4210	A-42226-0336
04	22-28-2049	A-42226-0284	22	22-28-2229	A-42226-0302	04	22-31-4040	A-42226-0319	22	22-31-4220	A-42226-0337
05	22-28-2059	A-42226-0285	23	22-28-2239	A-42226-0303	05	22-31-4050	A-42226-0320	23	22-31-4230	A-42226-0338
06	22-28-2069	A-42226-0286	24	22-28-2249	A-42226-0304	06	22-31-4060	A-42226-0321	24	22-31-4240	A-42226-0339
07	22-28-2079	A-42226-0287	25	22-28-2259	A-42226-0305	07	22-31-4070	A-42226-0322	25	22-31-4250	A-42226-0340
08	22-28-2089	A-42226-0288	26	22-28-2269	A-42226-0306	08	22-31-4080	A-42226-0323	26	22-31-4260	A-42226-0341
09	22-28-2099	A-42226-0289	27	22-28-2279	A-42226-0307	09	22-31-4090	A-42226-0324	27	22-31-4270	A-42226-0342
10	22-28-2109	A-42226-0290	28	22-28-2289	A-42226-0308	10	22-31-4100	A-42226-0325	28	22-31-4280	A-42226-0343
11	22-28-2119	A-42226-0291	29	22-28-2299	A-42226-0309	11	22-31-4110	A-42226-0326	29	22-31-4200	A-42226-0344
12	22-28-2129	A-42226-0292	30	22-28-2309	A-42226-0310	12	22-31-4120	A-42226-0327	30	22-31-4300	A-42226-0345
13	22-28-2139	A-42226-0293	31	22-28-2319	A-42226-0311	13	22-31-4130	A-42226-0328	31	22-31-4310	A-42226-0346
14	22-28-2149	A-42226-0294	32	22-28-2329	A-42226-0312	14	22-31-4140	A-42226-0329	32	22-31-4320	A-42226-0347
15	22-28-2159	A-42226-0295	33	22-28-2339	A-42226-0313	15	22-31-4150	A-42226-0330	33	22-31-4330	A-42226-0348
16	22-28-2169	A-42226-0296	34	22-28-2349	A-42226-0314	16	22-31-4160	A-42226-0331	34	22-31-4340	A-42226-0349
17	22-28-2179	A-42226-0297	35	22-28-2359	A-42226-0315	17	22-31-4170	A-42226-0332	35	22-31-4350	A-42226-0350
18	22-28-2189	A-42226-0298	36	22-28-2369	A-42226-0316	18	22-31-4180	A-42226-0333	36	22-31-4360	A-42226-0351
19	22-28-2199	A-42226-0299				19	22-31-4190	A-42226-0334			

REV:	<u>ECR/ECN INFORMATION</u>		<u>TITLE:</u>	<u>SHEET No.</u>
J6	EC No.: UCP2013-0900		.100 POLARIZING BREAKAWAY HEADER ASSY.	- 6 -
	DATE: 2012-09-07			
<u>DOCUMENT NUMBER:</u>		<u>CREATED / REVISED BY:</u>	<u>CHECKED BY:</u>	<u>APPROVED BY:</u>
SD- 42226 -001		MKIPPER	JBELL	FSMITH-ROEMER

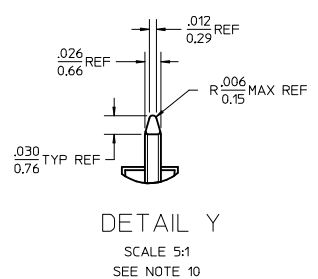
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A-42226-0422/0456					
HEADER NUMBER:		41410			
PLATING:		154			
PIN LENGTH: L		.685/17.40			
MATING LENGTH: M		.295/7.49			
GOLD POINT: G		N/A			
PC TAIL LENGTH: P		.135/3.43			
TIN: T		OVERALL			
DIMENSION Y		.022/0.56			
CKTS:		2-36			
KINKS:		NO			
REMOVED BACKWALLS:		NO			
VOIDED CKTS:		NONE			
PACKAGING:		BULK, PER PK-40873-0056			
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER
02	42226-0422	A-42226-0422	20	42226-0440	A-42226-0440
03	42226-0423	A-42226-0423	21	42226-0441	A-42226-0441
04	42226-0424	A-42226-0424	22	42226-0442	A-42226-0442
05	42226-0425	A-42226-0425	23	42226-0443	A-42226-0443
06	42226-0426	A-42226-0426	24	42226-0444	A-42226-0444
07	42226-0427	A-42226-0427	25	42226-0445	A-42226-0445
08	42226-0428	A-42226-0428	26	42226-0446	A-42226-0446
09	42226-0429	A-42226-0429	27	42226-0447	A-42226-0447
10	42226-0430	A-42226-0430	28	42226-0448	A-42226-0448
11	42226-0431	A-42226-0431	29	42226-0449	A-42226-0449
12	42226-0432	A-42226-0432	30	42226-0450	A-42226-0450
13	42226-0433	A-42226-0433	31	42226-0451	A-42226-0451
14	42226-0434	A-42226-0434	32	42226-0452	A-42226-0452
15	42226-0435	A-42226-0435	33	42226-0453	A-42226-0453
16	42226-0436	A-42226-0436	34	42226-0454	A-42226-0454
17	42226-0437	A-42226-0437	35	42226-0455	A-42226-0455
18	42226-0438	A-42226-0438	36	42226-0456	A-42226-0456
19	42226-0439	A-42226-0439			
REV:		<u>ECR/ECN INFORMATION</u>		<u>TITLE:</u>	
J6		EC No.: UCP2013-0900		.100 POLARIZING BREAKAWAY HEADER ASSY.	
		DATE: 2012-09-07			
<u>DOCUMENT NUMBER:</u>		<u>CREATED / REVISED BY:</u>		<u>CHECKED BY:</u>	
SD- 42226 -001		MKIPPER		JBELL	
				<u>APPROVED BY:</u>	
				FSMITH-ROEMER	
TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC					

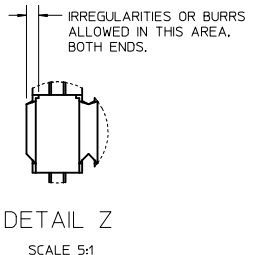
CKTS	DIM A	DIM B
2	.100/2.54	.200/5.08
3	.200/5.08	.300/7.62
4	.300/7.62	.400/10.16
5	.400/10.16	.500/12.70
6	.500/12.70	.600/15.24
7	.600/15.24	.700/17.78
8	.700/17.78	.800/20.32
9	.800/20.32	.900/22.86
10	.900/22.86	1.000/25.40
11	1.000/25.40	1.100/27.94
12	1.100/27.94	1.200/30.48
13	1.200/30.48	1.300/33.02
14	1.300/33.02	1.400/35.56
15	1.400/35.56	1.500/38.10
16	1.500/38.10	1.600/40.64
17	1.600/40.64	1.700/43.18
18	1.700/43.18	1.800/45.72
19	1.800/45.72	1.900/48.26
20	1.900/48.26	2.000/50.80
21	2.000/50.80	2.100/53.34
22	2.100/53.34	2.200/55.88
23	2.200/55.88	2.300/58.42
24	2.300/58.42	2.400/60.96
25	2.400/60.96	2.500/63.50
26	2.500/63.50	2.600/66.04
27	2.600/66.04	2.700/68.58
28	2.700/68.58	2.800/71.12
29	2.800/71.12	2.900/73.66
30	2.900/73.66	3.000/76.20
31	3.000/76.20	3.100/78.74
32	3.100/78.74	3.200/81.28
33	3.200/81.28	3.300/83.82
34	3.300/83.82	3.400/86.36
35	3.400/86.36	3.500/88.90
36	3.500/88.90	3.600/91.44



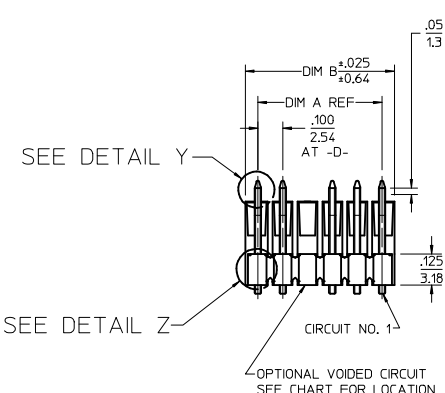
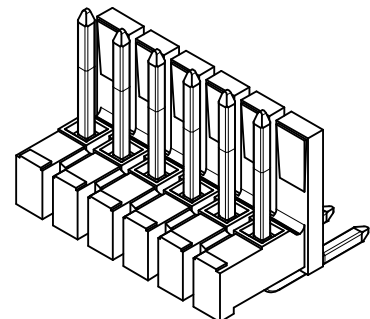
DETAIL X
SCALE 5:1
SEE NOTE 10



DETAIL Y
SCALE 5:1
SEE NOTE 10



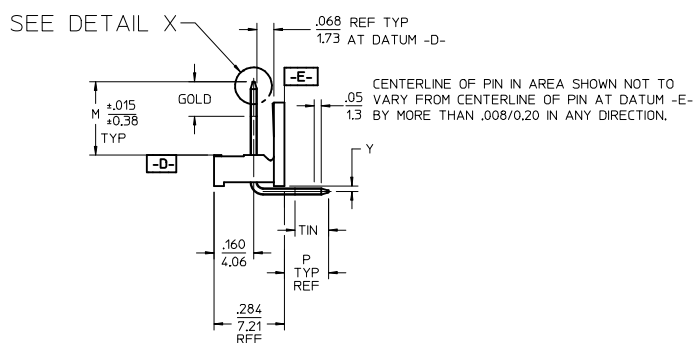
DETAIL Z
SCALE 5:1



SEE DETAIL Y

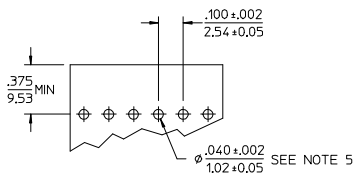
SEE DETAIL Z

CIRCUIT NO. 1
OPTIONAL VOIDED CIRCUIT
SEE CHART FOR LOCATION

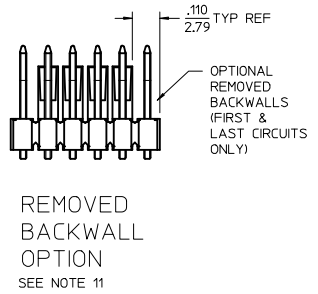


KINKED PIN OPTION
SEE NOTE 5

- NOTES:
1. MATERIAL: GLASS FILLED NYLON, 94V-0. COLOR: BLACK
 2. FINISH:
 - (154) OVERALL TIN: .000100/0.00254 MIN, OVER .000050/0.00127 MIN NICKEL.
 - (208) SELECT GOLD: .000015/0.00038 MIN, SELECT TIN: .000100/0.00254 MIN, OVERALL NICKEL UNDERPLATE: .000050/0.00127 MIN.
 - (228) SELECT GOLD: .000030/0.00076 MIN, SELECT TIN: .000100/0.00254 MIN, OVERALL NICKEL UNDERPLATE: .000050/0.00127 MIN.
 3. PRODUCT SPECIFICATION: PS-10-07.
 4. PACKAGING INFORMATION: SEE TABLES
 5. KINK PIN OPTION NOT RECOMMENDED FOR 2 CIRCUIT PARTS. HOLE SIZE MAY NEED TO BE ADJUSTED ON 2 CIRCUIT PARTS WITH KINK OPTION FOR PROPER INSERTION INTO THE PCB. SEE SMES-42003 FOR ADDITIONAL INFORMATION ON KINK DIRECTION AND PLACEMENT.
 6. HEADERS ARE NOT STACKABLE ON .100/2.54 CENTERS.
 7. SOLDERABILITY PER SMES-152.
 8. PIN PUSH OUT FORCE: 3 LBS. MIN.
 9. PARTS CONFORM TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
 10. PIN TIP DIMENSIONS ARE SHOWN FOR REFERENCE ONLY. DIMENSIONS APPLY PRIOR TO PLATING OR ASSEMBLY.
 11. FIRST AND LAST CIRCUIT BACKWALLS MUST BE REMOVED WHEN MATING TO A PART WITH POLARIZING RIBS.



RECOMMENDED PC BOARD
LAYOUT



REMOVED
BACKWALL
OPTION
SEE NOTE 11

ADD NOTE 11 EC NO: UCP2014-1471 DRW:HK/PPER 2013/10/01 CHKC:HANDSON 2013/10/01 APPR:FSMITH 2013/10/09	QUALITY SYMBOLS F=0 F=0 F=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .014 1 PLACE ± 0.36 ± --- 0 PLACE ± ± ANGULAR ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE IN/MM DRAWN BY DATE JSCHAFFER 2003/09/23 CHECKED BY DATE KSAMIEC 2003/09/23 APPROVED BY DATE MARGULIS 2003/09/23 MATERIAL NO. SEE CHART	SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	TITLE .100 POLARIZING BREAKAWAY HEADER ASSY LEAD-FREE molex	DOCUMENT NO. SD-42226-002	SHEET NO. 1 OF *
A4	REV								