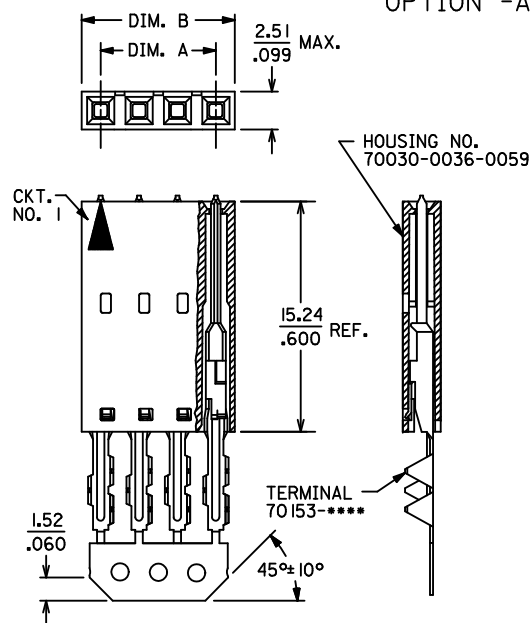
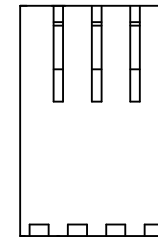
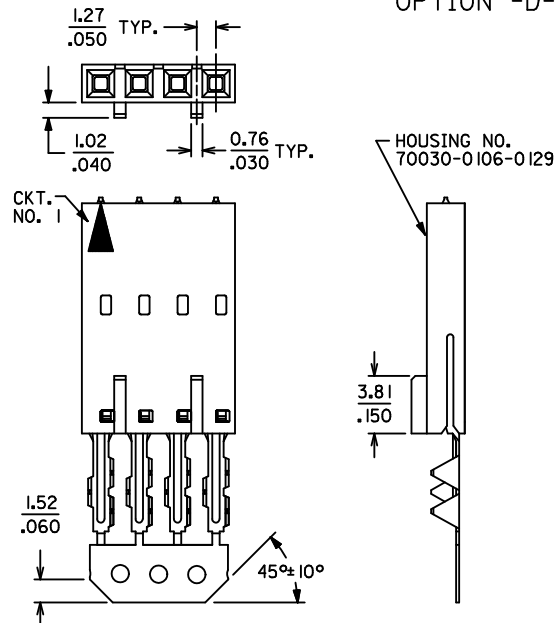


OPTION -A-

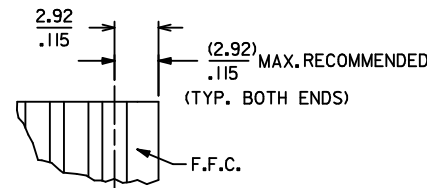
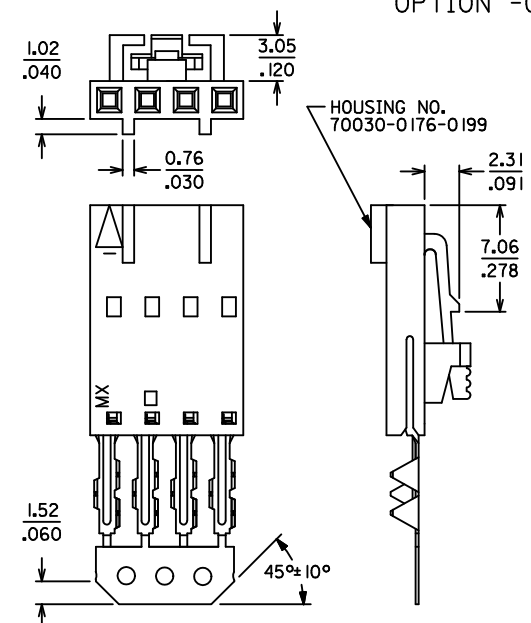


OPTION -D-



OPTIONAL CORE-OUT FOR
HOUSING OPTIONS A & D
CKT. SIZES 2-25
(FOR CONTROL OF BOW)

OPTION -G-



- NOTES:
1. HOUSING: POLYESTER (PBT), UL94 V-0
COLOR: BLACK
 2. FINISHES:
SEE PAGE 2 FOR PLATING FINISHES
 3. PRODUCT SPECIFICATION: PS-70430
 4. PACKAGING SPECIFICATION: PK-70873-0001
 5. SEE CHART FOR CIRCUIT SIZES
 6. TERMINALS ARE SHOWN PRE-LOADED INTO HOUSING
AND LOCKED INTO FIRST ROW OF LOCKING TANG
WINDOWS
 7. ALL DIMENSIONS ARE FOR REFERENCE ONLY
 8. SEE SHEET 2 FOR PART NUMBERS AND PLATINGS

CKT. SIZE	DIM. A ¹	DIM. B ¹ (MAX.)
2	(2.54) .100	(5.05) .199
3	(5.08) .200	(7.59) .299
4	(7.62) .300	(10.13) .399
5	(10.16) .400	(12.67) .499
6	(12.70) .500	(15.21) .599
7	(15.24) .600	(17.75) .699
8	(17.78) .700	(20.29) .799
9	(20.32) .800	(22.83) .899
10	(22.86) .900	(25.37) .999
11	(25.40) 1.000	(27.91) 1.099
12	(27.94) 1.100	(30.45) 1.199
13	(30.48) 1.200	(32.99) 1.299
14	(33.02) 1.300	(35.53) 1.399
15	(35.56) 1.400	(38.07) 1.499
16	(38.10) 1.500	(40.61) 1.599
17	(40.64) 1.600	(43.15) 1.699
18	(43.18) 1.700	(45.69) 1.799
19	(45.72) 1.800	(48.23) 1.899
20	(48.26) 1.900	(50.77) 1.999
21	(50.80) 2.000	(53.31) 2.099
22	(53.34) 2.100	(55.85) 2.199
23	(55.88) 2.200	(58.39) 2.299
24	(58.42) 2.300	(60.93) 2.399
25	(60.96) 2.400	(63.47) 2.499

REV	DESCRIPTION	DATE	BY
1	MODIFY PRODUCT SPEC	2009/12/28	UCP2010-0987
2	DRWN:MSIBARRA	2010/01/08	CHKD:DMORGAN
3	APPR:SMILLER	2010/01/11	

QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
4 PLACES ± ---
3 PLACES ± ---
2 PLACES ± ---
1 PLACE ± ---
ANGULAR ±1/2°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM/IN
DRAWN BY DATE
CHECKED BY DATE
APPROVED BY DATE
MATERIAL NO.
DOCUMENT NO.
SIZE

SCALE
4:1
DESIGN UNITS
INCH
THIRD ANGLE PROJECTION
ASSY, SL CONNECTOR, FFC MALE, SINGLE ROW 2.54/.100 GRID
MOLEX INCORPORATED
SDA-70431-****
SHEET NO.
1 OF 2

	13	12	11	10	9	8	7	6	5	4	3	2	1																																																							
J	CKT. SIZE	TIN PLATE OPTION -A-		TIN PLATE OPTION -D-		15 GOLD PLATE OPTION -A-		15 GOLD PLATE OPTION -D-		30 GOLD PLATE OPTION -A-		30 GOLD PLATE OPTION -D-		TIN PLATE OPTION -G-																																																						
		EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.																																																					
	2	I5-38-9020	A-70431-0001	I5-38-9022	A-70431-0071	I5-47-4028	A-70431-0176	I5-47-5020	A-70431-0246	I5-47-5022	A-70431-0351	I5-47-5024	A-70431-0421																																																							
	3	-9030	-0002	-9032	-0072	-4038	-0177	-5030	-0247	-5032	-0352	-5034	-0422																																																							
	4	-9040	-0003	-9042	-0073	-4048	-0178	-5040	-0248	-5042	-0353	-5044	-0423																																																							
I	5	-9050	-0004	-9052	-0074	-4058	-0179	-5050	-0249	-5052	-0354	-5054	-0424																																																							
	6	-9060	-0005	-9062	-0075	-4068	-0180	-5060	-0250	-5062	-0355	-5064	-0425																																																							
	7	-9070	-0006	-9072	-0076	-4078	-0181	-5070	-0251	-5072	-0356	-5074	-0426																																																							
	8	-9080	-0007	-9082	-0077	-4088	-0182	-5080	-0252	-5082	-0357	-5084	-0427																																																							
	9	-9090	-0008	-9092	-0078	-4098	-0183	-5090	-0253	-5092	-0358	-5094	-0428																																																							
	10	-9100	-0009	-9102	-0079	-4108	-0184	-5100	-0254	-5102	-0359	-5104	-0429	I5-38-9103	A-70431-0149																																																					
	11	-9110	-0010	-9112	-0080	-4118	-0185	-5110	-0255	-5112	-0360	-5114	-0430																																																							
H	12	-9120	-0011	-9122	-0081	-4128	-0186	-5120	-0256	-5122	-0361	-5124	-0431																																																							
	13	-9130	-0012	-9132	-0082	-4138	-0187	-5130	-0257	-5132	-0362	-5134	-0432																																																							
	14	-9140	-0013	-9142	-0083	-4148	-0188	-5140	-0258	-5142	-0363	-5144	-0433																																																							
	15	-9150	-0014	-9152	-0084	-4158	-0189	-5150	-0259	-5152	-0364	-5154	-0434																																																							
	16	-9160	-0015	-9162	-0085	-4168	-0190	-5160	-0260	-5162	-0365	-5164	-0435																																																							
	17	-9170	-0016	-9172	-0086	-4178	-0191	-5170	-0261	-5172	-0366	-5174	-0436																																																							
G	18	-9180	-0017	-9182	-0087	-4188	-0192	-5180	-0262	-5182	-0367	-5184	-0437																																																							
	19	-9190	-0018	-9192	-0088	-4198	-0193	-5190	-0263	-5192	-0368	-5194	-0438																																																							
	20	-9200	-0019	-9202	-0089	-4208	-0194	-5200	-0264	-5202	-0369	-5204	-0439																																																							
	21	-9210	-0020	-9212	-0090	-4218	-0195	-5210	-0265	-5212	-0370	-5214	-0440																																																							
	22	-9220	-0021	-9222	-0091	-4228	-0196	-5220	-0266	-5222	-0371	-5224	-0441																																																							
	23	-9230	-0022	-9232	-0092	-4238	-0197	-5230	-0267	-5232	-0372	-5234	-0442																																																							
	24	-9240	-0023	-9242	-0093	-4248	-0198	-5240	-0268	-5242	-0373	-5244	-0443																																																							
F	25	I5-38-9250	A-70431-0024	I5-38-9252	A-70431-0094	I5-47-4258	A-70431-0199	I5-47-5250	A-70431-0269	I5-47-5252	A-70431-0374	I5-47-5254	A-70431-0444																																																							
<table><tr><td>PLATING PER ES-88:</td><td>CARRIER STRIP COLOR CODE</td></tr><tr><td>TIN</td><td>NONE</td></tr><tr><td>15 GOLD</td><td>YELLOW</td></tr><tr><td>30 GOLD</td><td>RED</td></tr></table> PLATING CHART PER ES-88-*** TIN: TIN OVERALL THICKNESS: 3.81 MICROMETERS (150 MICROINCHES) MINIMUM ALL OVER A NICKEL UNDERPLATE. 15 GOLD: SELECTIVE GOLD (Au) WITH SELECTIVE TIN THICKNESS: 0.38 MICROMETERS (15 MICROINCHES) MINIMUM GOLD (Au) IN SELECT AREA 1.90 MICROMETERS (75 MICROINCHES) MINIMUM TIN IN SELECT AREA ALL OVER A NICKEL UNDERPLATE. 30 GOLD: SELECTIVE GOLD (Au) WITH SELECTIVE TIN THICKNESS: 0.76 MICROMETERS (30 MICROINCHES) MINIMUM GOLD (Au) IN SELECT AREA 1.90 MICROMETERS (75 MICROINCHES) MINIMUM TIN IN SELECT AREA ALL OVER A NICKEL UNDERPLATE.																PLATING PER ES-88:	CARRIER STRIP COLOR CODE	TIN	NONE	15 GOLD	YELLOW	30 GOLD	RED	E																																												
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