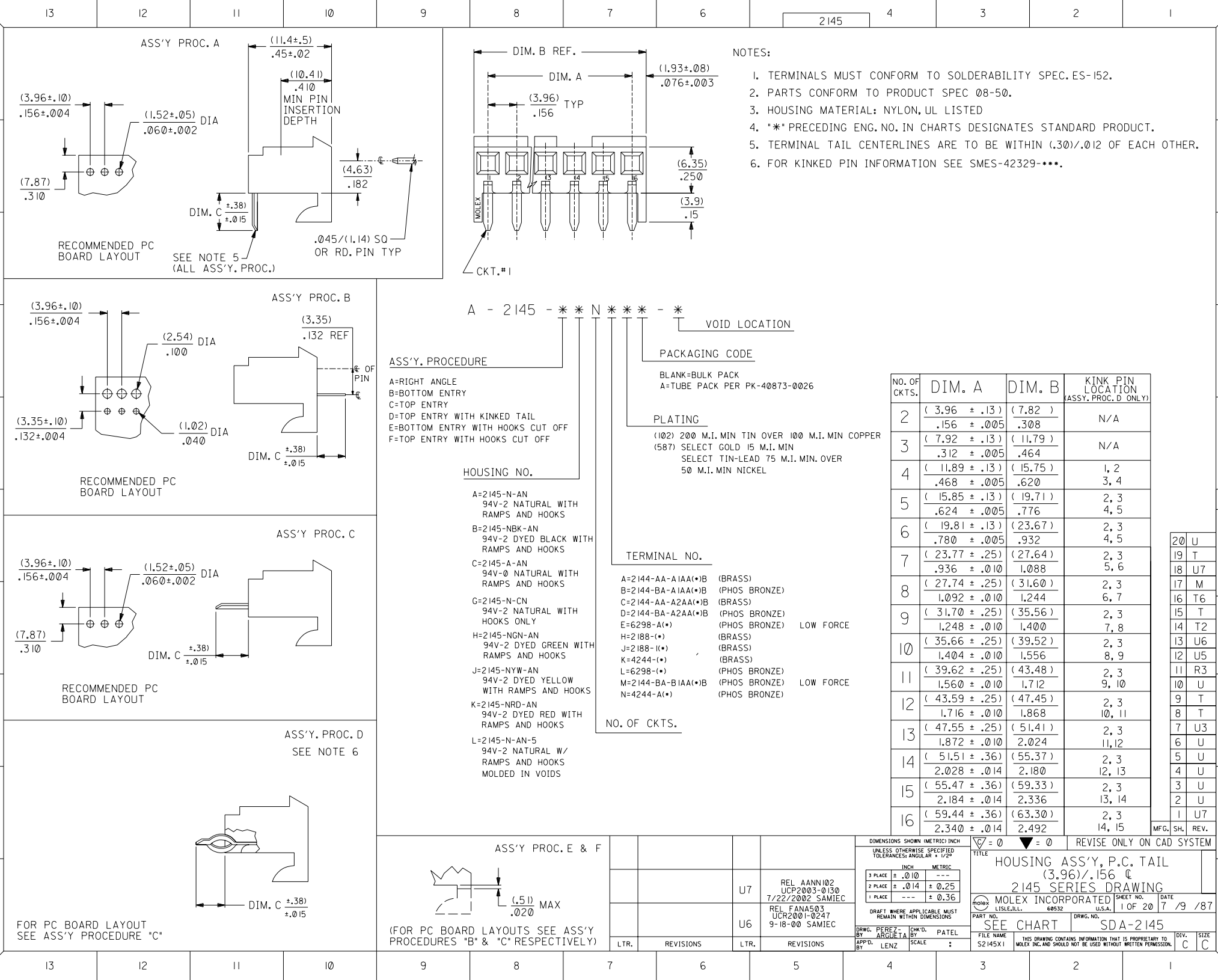




- NOTES:
1. TERMINALS MUST CONFORM TO SOLDERABILITY SPEC. ES-152.
 2. PARTS CONFORM TO PRODUCT SPEC 08-50.
 3. HOUSING MATERIAL: NYLON, UL LISTED
 4. "*" PRECEDING ENG. NO. IN CHARTS DESIGNATES STANDARD PRODUCT.
 5. TERMINAL TAIL CENTERLINES ARE TO BE WITHIN (.30)/.012 OF EACH OTHER.
 6. FOR KINKED PIN INFORMATION SEE SMES-42329-***.

A - 2145 - * * N * * * - *
VOID LOCATION
PACKAGING CODE
BLANK=BULK PACK
A=TUBE PACK PER PK-40873-0026

PLATING
(102) 200 M.I. MIN TIN OVER 100 M.I. MIN COPPER
(587) SELECT GOLD 15 M.I. MIN
SELECT TIN-LEAD 75 M.I. MIN. OVER
50 M.I. MIN NICKEL

HOUSING NO.
A=2145-N-AN
94V-2 NATURAL WITH
RAMPS AND HOOKS
B=2145-NBK-AN
94V-2 DYED BLACK WITH
RAMPS AND HOOKS
C=2145-A-AN
94V-0 NATURAL WITH
RAMPS AND HOOKS
G=2145-N-CN
94V-2 NATURAL WITH
HOOKS ONLY
H=2145-NGN-AN
94V-2 DYED GREEN WITH
RAMPS AND HOOKS
J=2145-NYW-AN
94V-2 DYED YELLOW
WITH RAMPS AND HOOKS
K=2145-NRD-AN
94V-2 DYED RED WITH
RAMPS AND HOOKS
L=2145-N-AN-5
94V-2 NATURAL W/
RAMPS AND HOOKS
MOLDED IN VOIDS

TERMINAL NO.
A=2144-AA-AIAA(*)B (BRASS)
B=2144-BA-AIAA(*)B (PHOS BRONZE)
C=2144-AA-A2AA(*)B (BRASS)
D=2144-BA-A2AA(*)B (PHOS BRONZE)
E=6298-A(*) (PHOS BRONZE) LOW FORCE
H=2188-(*) (BRASS)
J=2188-(*) (BRASS)
K=4244-(*) (BRASS)
L=6298-(*) (PHOS BRONZE)
M=2144-BA-BIAA(*)B (PHOS BRONZE) LOW FORCE
N=4244-A(*) (PHOS BRONZE)

NO. OF CKTS.

NO. OF CKTS.	DIM. A	DIM. B	KINK PIN LOCATION (ASSY. PROC. D ONLY)
2	(3.96 ± .13) (.156 ± .005)	(7.82) (.308)	N/A
3	(7.92 ± .13) (.312 ± .005)	(11.79) (.464)	N/A
4	(11.89 ± .13) (.468 ± .005)	(15.75) (.620)	1, 2 3, 4
5	(15.85 ± .13) (.624 ± .005)	(19.71) (.776)	2, 3 4, 5
6	(19.81 ± .13) (.780 ± .005)	(23.67) (.932)	2, 3 4, 5
7	(23.77 ± .25) (.936 ± .010)	(27.64) (1.088)	2, 3 5, 6
8	(27.74 ± .25) (1.092 ± .010)	(31.60) (1.244)	2, 3 6, 7
9	(31.70 ± .25) (1.248 ± .010)	(35.56) (1.400)	2, 3 7, 8
10	(35.66 ± .25) (1.404 ± .010)	(39.52) (1.556)	2, 3 8, 9
11	(39.62 ± .25) (1.560 ± .010)	(43.48) (1.712)	2, 3 9, 10
12	(43.59 ± .25) (1.716 ± .010)	(47.45) (1.868)	2, 3 10, 11
13	(47.55 ± .25) (1.872 ± .010)	(51.41) (2.024)	2, 3 11, 12
14	(51.51 ± .36) (2.028 ± .014)	(55.37) (2.180)	2, 3 12, 13
15	(55.47 ± .36) (2.184 ± .014)	(59.33) (2.336)	2, 3 13, 14
16	(59.44 ± .36) (2.340 ± .014)	(63.30) (2.492)	2, 3 14, 15

20	U
19	T
18	U7
17	M
16	T6
15	T
14	T2
13	U6
12	U5
11	R3
10	U
9	T
8	T
7	U3
6	U
5	U
4	U
3	U
2	U
1	U7

FOR PC BOARD LAYOUT
SEE ASS'Y PROCEDURE "C"

(FOR PC BOARD LAYOUTS SEE ASS'Y
PROCEDURES "B" & "C" RESPECTIVELY)

DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		TITLE HOUSING ASS'Y, P.C. TAIL (3.96)/.156 © 2145 SERIES DRAWING	
3 PLACE ± .010 2 PLACE ± .014 1 PLACE --- ± 0.36	INCH METRIC ---	SHEET NO. 1 OF 20 DATE 7 / 9 / 87	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		PART NO. SEE CHART FILE NAME S2145X1	
DRWG. PEREZ- BY ARGUETA APP'D. LENZ	CHK'D. PATEL BY SCALE :	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	

	13	12	11	10	9	8	7	6		2145	4	3	2	1		
J	ENG. NO.		HOUSING NO.		TERMINAL NO.		DIM. C		EDP ON SHT/COL							J
	A-2145-AANA(I02)-*		2145-N-AN		2144-AA-A IAA-I02B		(3.68) / .145		7 / 1							
	A-2145-AANA(I22)-*		2145-N-AN		2144-AA-A IAA-I22B		(3.68) / .145		7 / 2							
	A-2145-AANA(505)-*		2145-N-AN		2144-AA-A IAA-505B		(3.68) / .145		7 / 3							
	A-2145-AANA(507)-*		2145-N-AN		2144-AA-A IAA-507B		(3.68) / .145		7 / 4							
I	A-2145-AANB(558)-*		2145-N-AN		2144-BA-A IAA-558B		(3.68) / .145		8 / 1							I
	A-2145-AANA(P913)-*		2145-N-AN		2144-AA-A IAA-P913B		(3.68) / .145		8 / 2							
	A-2145-ABNA(I22)-*		2145-NBK-AN		2144-AA-A IAA-I22B		(3.68) / .145		8 / 3							
	A-2145-ABNA(P913)-*		2145-NBK-AN		2144-AA-A IAA-P913B		(3.68) / .145		8 / 4							
	A-2145-AANA(587)-*		2145-N-AN		2144-AA-A IAA-587B		(3.68) / .145		9 / 1							
	A-2145-AGNA(P913)-*		2145-N-CN		2144-AA-A IAA-587B		(3.68) / .145		9 / 2							
H	A-2145-BANH(I02)-*		2145-N-AN		2188-(I02)		(4.06) / .160		9 / 3							H
	A-2145-BANH(I22)-*		2145-N-AN		2188-(I22)		(4.06) / .160		9 / 4							
	A-2145-BANL(P913)-*		2145-N-AN		6298-(P913)		(4.06) / .160		10 / 1							
	A-2145-BANL(565)-*		2145-N-AN		6298-(565)		(4.06) / .160		10 / 2							
	A-2145-BBNH(I22)-*		2145-NBK-AN		2188-(I22)		(4.06) / .160		10 / 3							
G	A-2145-CANA(I02)-*		2145-N-AN		2144-AA-A IAA-I02B		(3.05) / .120		10 / 4							G
	A-2145-CANA(I22)-*		2145-N-AN		2144-AA-A IAA-I22B		(3.05) / .120		11 / 1							
	A-2145-CANB(565)-*		2145-N-AN		2144-BA-A IAA-565B		(3.05) / .120		11 / 2							
	A-2145-CANC(P913)-*		2145-N-AN		2144-AA-A2AA-P913B		(4.80) / .189		11 / 3							
	A-2145-FGNA(587)-*		2145-N-CN		2144-AA-A IAA-587B		(3.05) / .120		11 / 4							
	A-2145-FANA(P913)-*		2145-N-AN		2144-AA-A IAA-P913B		(3.05) / .120		12 / 1							
F	A-2145-DANC(P913)-*		2145-N-AN		2144-AA-A2AA-P913B		(4.80) / .189		12 / 2							F
	A-2145-BBNH(P913)-*		2145-NBK-AN		2188-(P913)		(4.06) / .160		12 / 3							
	A-2145-CBNA(P913)-*		2145-NBK-AN		2144-AA-A IAA-P913B		(3.05) / .120		12 / 4							
	A-2145-FGNA(550)-*		2145-N-CN		2144-AA-A IAA-550B		(3.05) / .120		13 / 1							
	A-2145-BANH(P913)-*		2145-N-AN		2188-(P913)		(4.06) / .160		13 / 2							
E	A-2145-BANH(587)-*		2145-N-AN		2188-(587)		(4.06) / .160		13 / 3							E
	A-2145-FANA(503)-*		2145-N-AN		2144-AA-A IAA-503B		(3.05) / .120		13 / 4							
	A-2145-EANH(P913)-*		2145-N-AN		2188-(P913)		(4.06) / .160		14 / 1							
	A-2145-AANK(P913)-*		2145-N-AN		4244-(P913)		(3.68) / .145		14 / 2							
	A-2145-ABNK(P913)-*		2145-NBK-AN		4244-(P913)		(3.68) / .145		14 / 3							
D	A-2145-ABNA(587)-*		2145-NBK-AN		2144-AA-A IAA-587B		(3.68) / .145		14 / 4							D
	A-2145-AANA-(I09)-*		2145-N-AN		2144-AA-A IAA-I09B		(3.68) / .145		15 / 1							
	A-2145-CANA(P913)-*		2145-N-AN		2144-AA-A IAA-P913B		(3.05) / .120		15 / 2							
	A-2145-AANB(I22)-*		2145-N-AN		2144-BA-A IAA(I22)B		(3.68) / .145		15 / 3							
	A-2145-BANL(I22)-*		2145-N-AN		6298-(I22)		(4.06) / .160		15 / 4							
	A-2145-CANB(I22)-*		2145-N-AN		2144-BA-A IAA(I22)B		(3.05) / .120		16 / 1							
C	A-2145-EGNH(P913)-*		2145-N-CN		2188-(P913)		(4.06) / .160		16 / 2							C
	A-2145-FGNA(P913)-*		2145-N-CN		2144-AA-A IAA-P913B		(3.05) / .120		16 / 3							
	A-2145-CANA(587)-*		2145-N-AN		2144-AA-A IAA-587B		(3.05) / .120		16 / 4							
	A-2145-BHNH(I22)-*		2145-NGN-AN		2188-(I22)		(4.06) / .160		17 / 1							
	A-2145-BJNH(I22)-*		2145-NYW-AN		2188-(I22)		(4.06) / .160		17 / 2							
B	A-2145-BKNH(I22)-*		2145-NRD-AN		2188-(I22)		(4.06) / .160		17 / 3							B
							/		/							

[illegible]

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