PRODUCT N°: SEE SHEET 213-2 OF 2

(2,54) TYP
(.100)

(2,54) TYP
(.100)

BERG   BERG

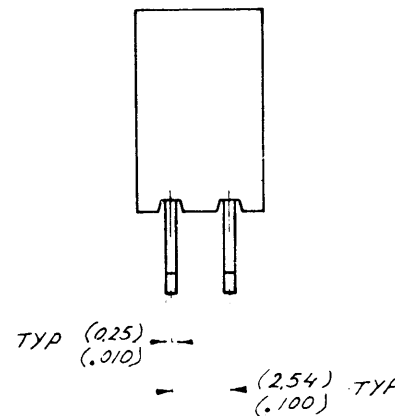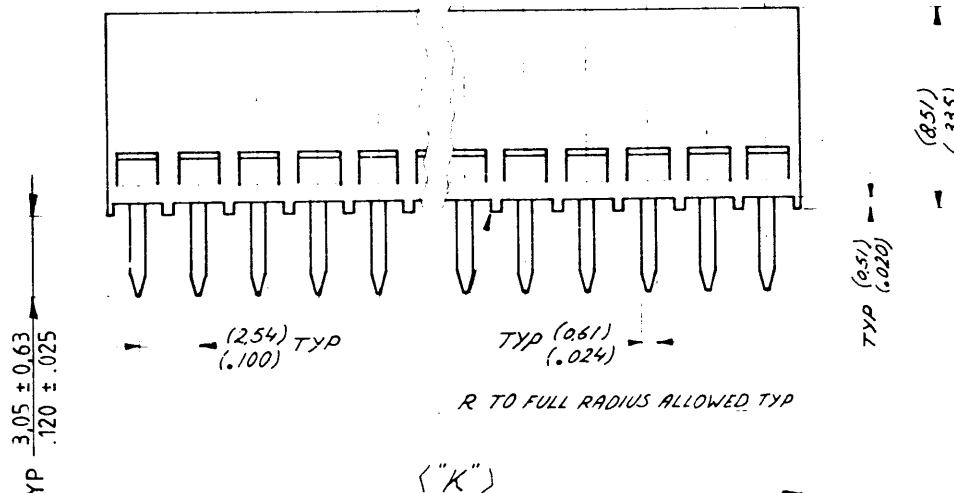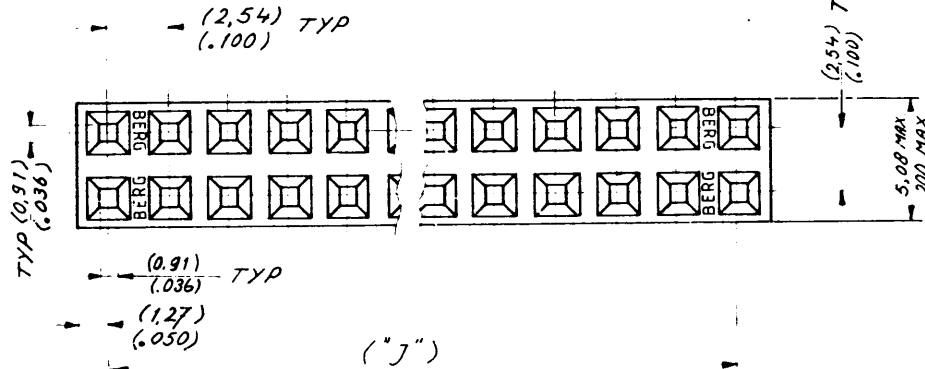BERG   BERG

5,08 MAX.
.200 MAX.

TYP (0.91)
(.036)

(0.91) TYP
(.036)

(1,27)
(.050)

("J")

NOTES:

1. MATERIAL HOUSING : THERMOPLASTIC POLYESTER, 30% GLASFILLED, COLOUR BLUE. FLAME RETARDANT PER UL 94-V0.
2. MATERIAL BOX : BRASS ASTM B36 C26000-H02
3. MATERIAL SPRING : BERYLLIUM COPPER ASTM B 194 C 17200 - TF 00
4. PLATING : SEE SHEET 213-2 OF 2

DUPONT

(2.54) TYP
(.100)

TYP (0.61)
(.024)

R TO FULL RADIUS ALLOWED TYP

("K")

(8.51)
(.335)

TYP (0.51)
(.020)

TYP (0.25)
(.010)

(2,54) TYP
(.100)

3,05 ± 0,63
.120 ± .025

B TYP

CONTROLLED
DOCUMENT

BERG ELECTRONICS DIVISION
DU PONT DE NEMOURS NEDERLAND BV

PART NO	MATERIAL	PLATING					
	SEE NOTES	SEE NOTE 4	B ECP BEU 5095		H	B	76 327
			A ECP BEU 4669 830307				SHEET 213 - 1 OF 2

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PRODUCT NO	NO OF POS	DIM. ('J')	DIM. ('K')
76327 - X02	2 × 02	2.54 / 100	5.08 / 200
- X03	2 × 03	5.08 / 200	7.62 / 300
- X04	2 × 04	7.62 / 300	10.16 / 400
- X05	2 × 05	10.16 / 400	12.70 / 500
- X06	2 × 06	12.70 / 500	15.24 / 600
- X07	2 × 07	15.24 / 600	17.78 / 700
- X08	2 × 08	17.78 / 700	20.32 / 800
- X09	2 × 09	20.32 / 800	22.86 / 900
76327 - X10	2 × 10	22.86 / 900	25.40 / 1.000
- X11	2 × 11	25.40 / 1.000	27.94 / 1.100
- X12	2 × 12	27.94 / 1.100	30.48 / 1.200
- X13	2 × 13	30.48 / 1.200	33.02 / 1.300
- X14	2 × 14	33.02 / 1.300	35.56 / 1.400
- X15	2 × 15	35.56 / 1.400	38.10 / 1.500
- X16	2 × 16	38.10 / 1.500	40.64 / 1.600
- X17	2 × 17	40.64 / 1.600	43.18 / 1.700
- X18	2 × 18	43.18 / 1.700	45.72 / 1.800
- X19	2 × 19	45.72 / 1.800	48.26 / 1.900
76327 - X20	2 × 20	48.26 / 1.900	50.80 / 2.000
- X21	2 × 21	50.80 / 2.000	53.34 / 2.100
- X22	2 × 22	53.34 / 2.100	55.88 / 2.200
- X23	2 × 23	55.88 / 2.200	58.42 / 2.300
- X24	2 × 24	58.42 / 2.300	60.96 / 2.400
- X25	2 × 25	60.96 / 2.400	63.50 / 2.500
- X26	2 × 26	63.50 / 2.500	66.04 / 2.600
- X27	2 × 27	66.04 / 2.600	68.58 / 2.700
- X28	2 × 28	68.58 / 2.700	71.12 / 2.800
- X29	2 × 29	71.12 / 2.800	73.66 / 2.900
76327 - X30	2 × 30	73.66 / 2.900	76.20 / 3.000

PRODUCT NO	NO OF POS	DIM. ('J')	DIM. ('K')
76327 - X31	2 × 31	76.20 / 3.000	78.74 / 3.100
- X32	2 × 32	78.74 / 3.100	81.28 / 3.200
- X33	2 × 33	81.28 / 3.200	83.82 / 3.300
- X34	2 × 34	83.82 / 3.300	86.36 / 3.400
- X35	2 × 35	86.36 / 3.400	88.90 / 3.500
- X36	2 × 36	88.90 / 3.500	91.44 / 3.600
- X37	2 × 37	91.44 / 3.600	93.98 / 3.700
- X38	2 × 38	93.98 / 3.700	96.52 / 3.800
- X39	2 × 39	96.52 / 3.800	99.06 / 3.900
76327 - X40	2 × 40	99.06 / 3.900	101.60 / 4.000
- X41	2 × 41	101.60 / 4.000	104.14 / 4.100
- X42	2 × 42	104.14 / 4.100	106.68 / 4.200
- X43	2 × 43	106.68 / 4.200	109.22 / 4.300
- X44	2 × 44	109.22 / 4.300	111.76 / 4.400
- X45	2 × 45	111.76 / 4.400	114.30 / 4.500
- X46	2 × 46	114.30 / 4.500	116.84 / 4.600
- X47	2 × 47	116.84 / 4.600	119.38 / 4.700
- X48	2 × 48	119.38 / 4.700	121.92 / 4.800
- X49	2 × 49	121.92 / 4.800	124.46 / 4.900
76327 - X50	2 × 50	124.46 / 4.900	127.00 / 5.000

4	1,9 μm / 75 μinch Au	1,3 μm / 50 μinch Ni MINIMUM
3	1,3 μm / 50 μinch Au	1,3 μm / 50 μinch Ni MINIMUM
2	1,0 μm / 40 μinch Au	1,3 μm / 50 μinch Ni MINIMUM
X	PLATING THICKNESS ALL OVER	THICKNESS UNDER PLATING
PLATING CODE		

CONTROLLED DOCUMENT

THIRD ANGLE PROJECTION

DUPONT

MATERIAL SEE TABLE
HEAT TREAT
FINISH SEE TABLE
LAYOUT

DR R. OOSTERVELD 83 03 03
CHK H. Larson
APP
RELEASED

BERG ELECTRONICS DIVISION
s-HERTOGENBOSCH - HOLLAND

SIZE C | DWG NO 76327 | SHEET 213-2 of 2

TITLE VERTICAL CARD CONNECTOR D.R. 100 SHORT LEG

DUPONT

DIMENSIONS INCHES
DO NOT SCALE

76327
SHEET 215   1 OF 1.

RECOMMANDED
PIN PATTERN

RECOMMANDED
HOLE PATTERN

Ø 0.152
Ø .006

2.54
.100

5.60 ± 0.90
.220 ± .035

2.54
.100

2.54
.100

Ø 0.38
Ø .015
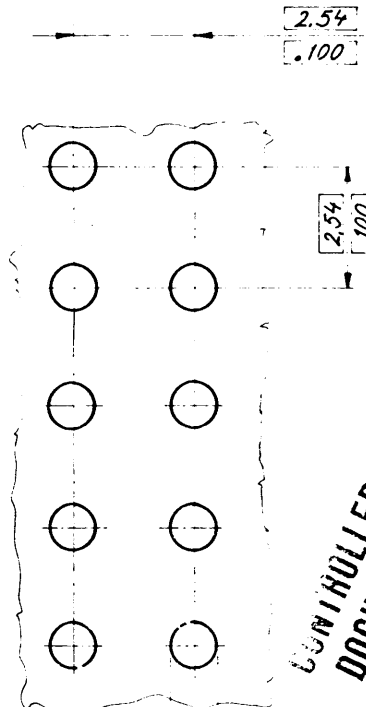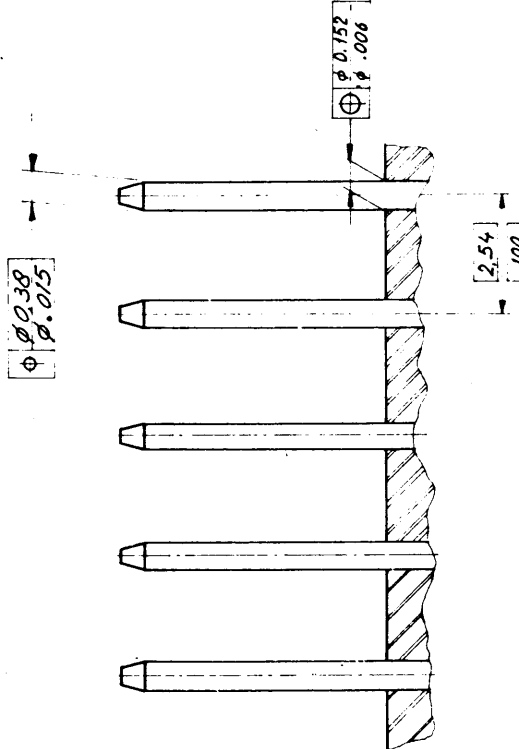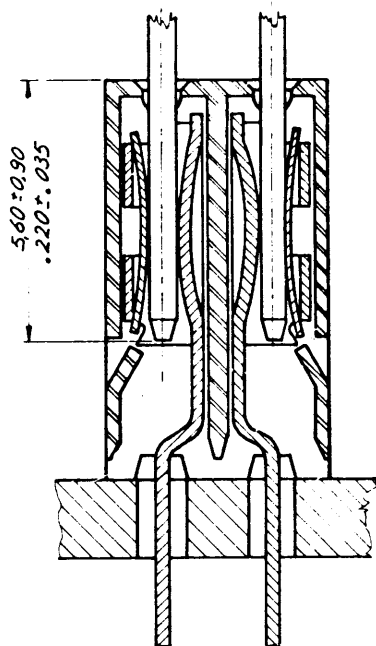
CONTROLLED
DOCUMENT

NOTES :

1. THICKNESS P.C. BOARD INCLUDING METAL FOIL 1.20 ± 0.18 (.047 ± .007)

2. TERMINALS CAN ONLY BE USED FOR P.C. BOARD APPLICATION WITH NON-PLATED THROUGH HOLES.

3. PRODUCT TO MATE WITH 0.635 ± 0.025 (.025 ± .001) SQUARE PIN OR ROUND PIN.

Ø 0.76 ± 0.08
Ø .030 ± .003

Ø 0.15
Ø .006

CUSTOMER COPY FOR REFERENCE ONLY

BERG ELECTRONICS DIVISION
DU PONT DE NEMOURS (NEDERLAND) BV
s-hertogenbosch holland

PART NO.	MATERIAL	PLATING		LOC	SIZE	NO	76327	REV
			RELEASED 0670	H	B	SHEET 215		

DR A. SCHELLEKENS   DATE OCT 80
APP
DATE
CHK   M LO   DATE NOV 80
REL
DATE

SCALE 10 : 1

TITLE VERTICAL CARD CONNECTOR
double row .100 x .100   SHORT LEG

page 3