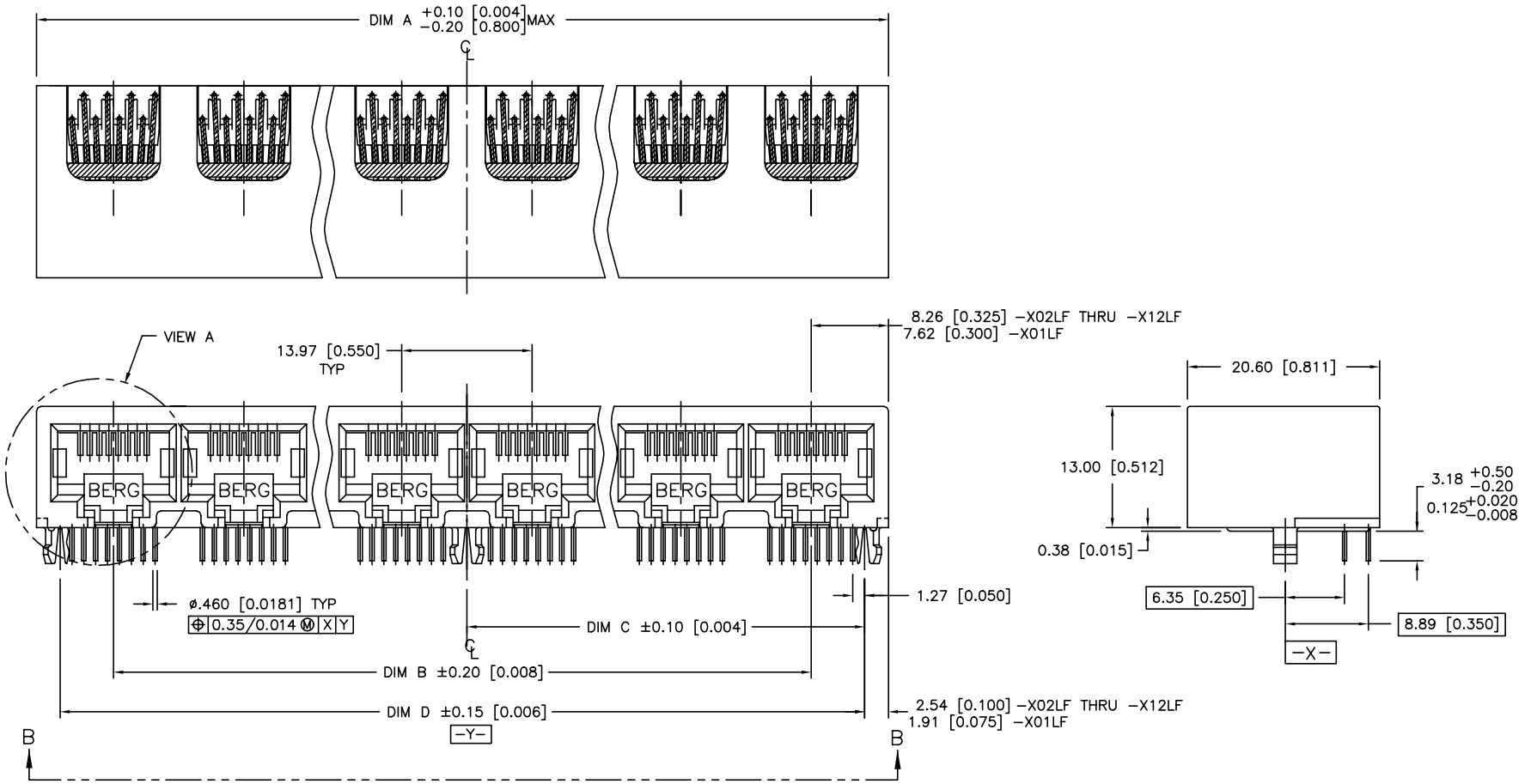
Copyright FCI.

PRODUCT NO.
94911-XXXLF
94911-XXXHLF



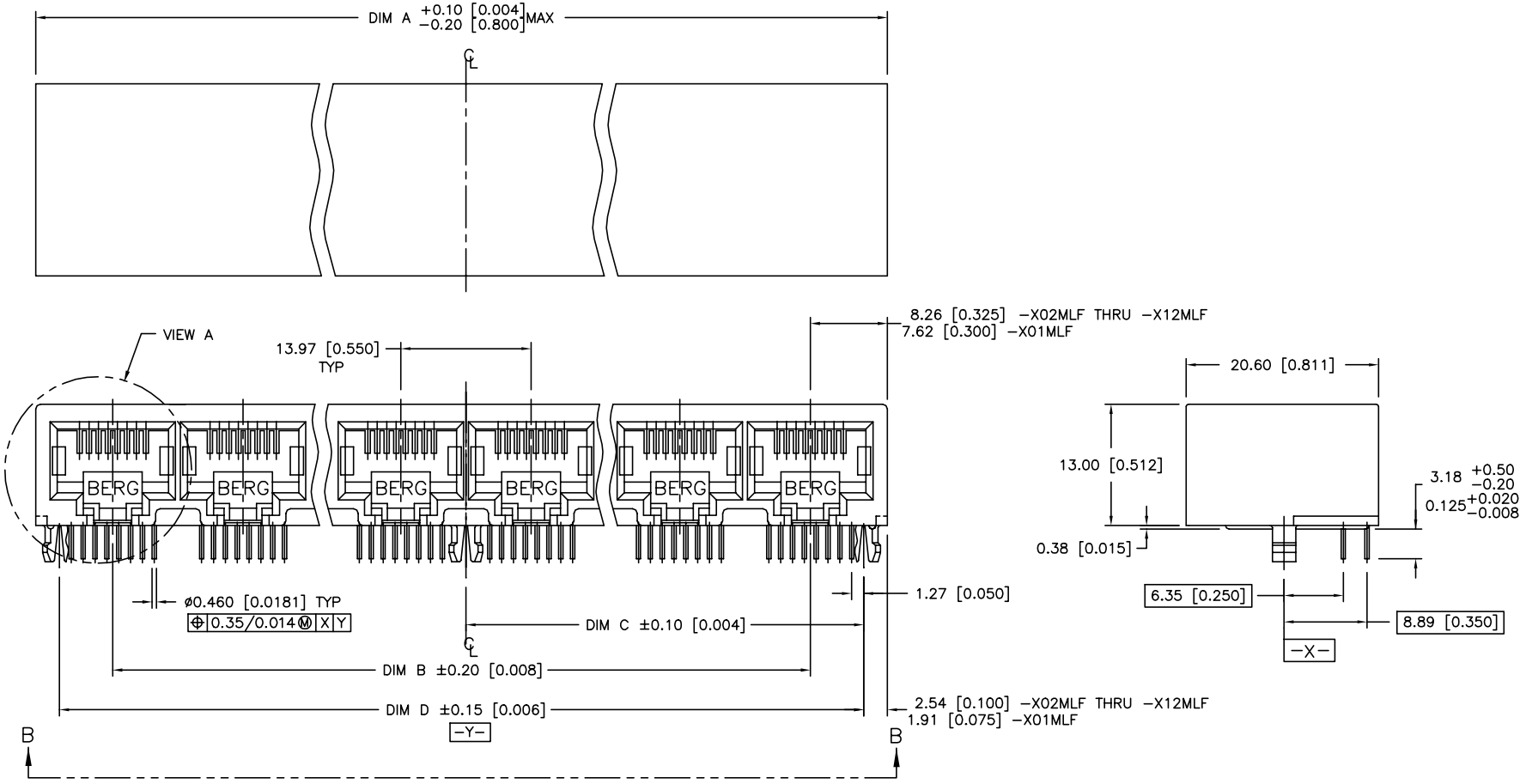
mat'l. code				surface	tolerance	projection	product family
				ISO1302	ISO1101 ISO406		MOD JACK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
J	V81304	RGD	7/13/98	angle	linear 0.X±0.3	mm	R/A. 8 POS GANG JACK ASSY.
K	N04-0119	MHT	12/9/04		0.XX±0.15		UNSHIELDED, SNAP PEG
L	N08-0100	SH	09/25/08	0°±2°	0.XXX±0.05	scale 1.0	
M	N08-0273	SH	12/25/08	dr	KCHOU 5/5/94		dwg no 94911 sheet 1 of 6 size A4
N	ELX-N-011000	SH MAO	3/14/12	engr	TC 5/5/94		
				chn	J.TSAO 5/5/94		type Product Customer Drawing
				appd	J.TSAO 5/5/94		

sheet index	revision	N	N
	sheet	1	2

N	N	N	N
3	4	5	6

Copyright FCI.

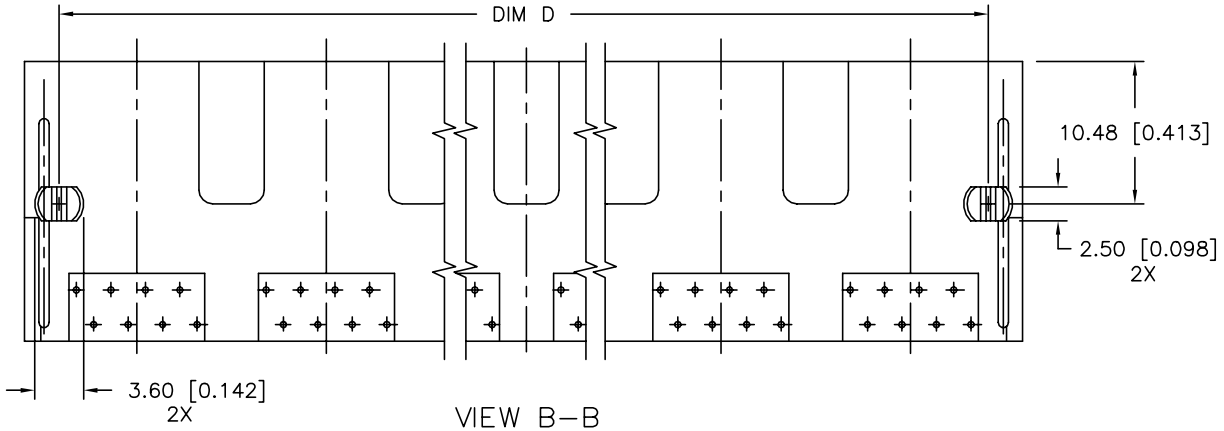
PRODUCT NO.
94911-XXXMLF
94911-XXXMHLF



mat'l. code				surface	tolerance	projection	product family
				ISO1302	ISO1101 ISO406		MOD JACK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
J	V81304	RGD	7/13/98	angle	linear 0.X±0.3	mm	R/A. 8 POS GANG JACK ASSY.
K	N04-0119	MHT	12/9/04		0.XX±0.15		UNSHIELDED, SNAP PEG
L	N08-0100	SH	09/25/08	0°±2°	0.XXX±0.05	scale 1.0	
M	N08-0273	SH	12/25/08	dr	KCHOU	5/5/94	dwg no 94911 sheet 2 of 6 size A4
N	ELX-N-011000	SH MAO	3/14/12	engr	TC	5/5/94	
				chr	J.TSAO	5/5/94	type Product Customer Drawing
				appd	J.TSAO	5/5/94	
sheet index	revision sheet						

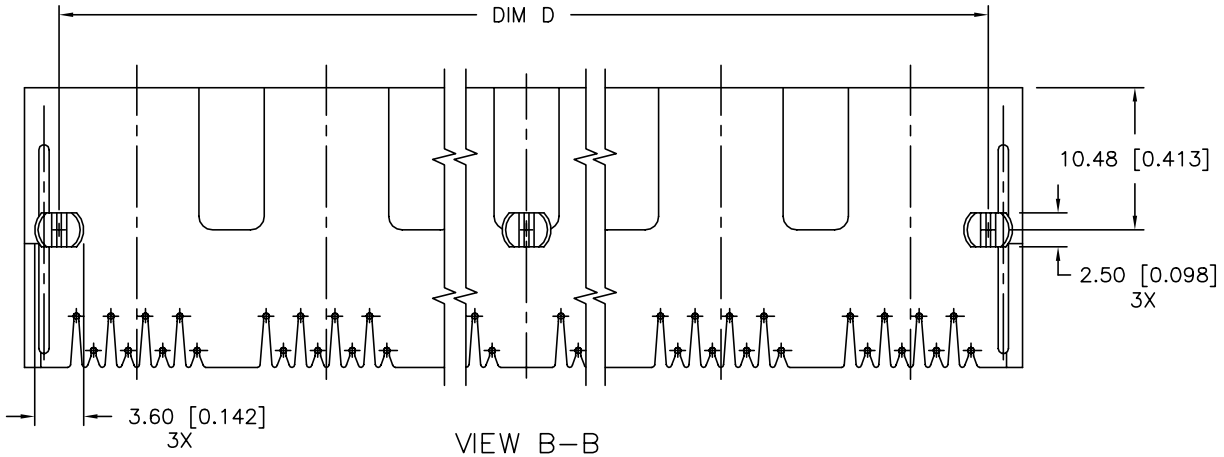
Copyright FCI.

PRODUCT NO.
SEE TABLE



VIEW B–B

–XXXLF PRODUCT ONLY (WITHOUT CENTER PEG – SEE NOTE 4)



VIEW B–B

–XXXMLF PRODUCT ONLY (WITH CENTER PEG – SEE NOTE 3)

ltr	ecn no	dr	date
J	V81304	RGD	7/13/98
K	N04-0119	MHT	12/9/04
L	N08-0100	SH	09/25/08
M	N08-0273	SH	12/25/08
N	ELX-N-011000	SH MAO	3/14/12

dr	KCHOU	5/5/94
engr	TC	5/5/94
chr	J.TSAO	5/5/94
appd	J.TSAO	5/5/94

mat'l. code

surface ISO1302 √ tolerance ISO1101 ISO406

projection

tolerances unless otherwise specified
angle 0°±2° linear 0.X±0.3, 0.XX±0.15, 0.XXX±0.05

mm

scale 1.0

product family: MOD JACK

title: R/A. 8 POS GANG JACK ASSY. UNSHIELDED, SNAP PEG

dwg no 94911 sheet 3 of 6 size A4

type Product Customer Drawing

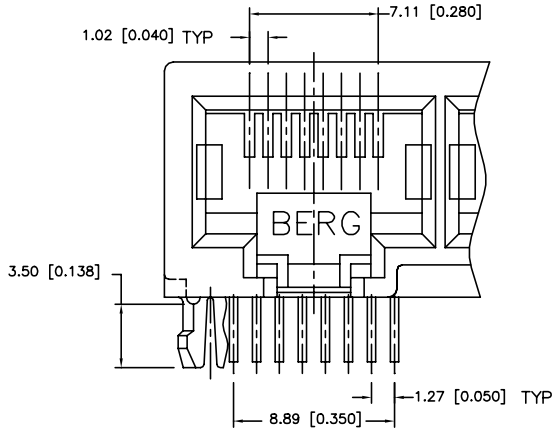
sheet index | revision sheet

form: A4mmXLc

Copyright FCI.

PRODUCT No.	NO OF PORTS	DIM A +0.10 [0.004] −0.20 [0.008]	DIM B	DIM C±0.10 [0.004]	DIM D±0.15 [0.006]
94911−X01MLF	1	15.24 [0.600]	-----	5.72 [0.225]	11.43 [0.450]
94911−X02MLF	2	30.48 [1.200]	13.97 [0.550]	12.70 [0.500]	25.40 [1.000]
94911−X03MLF	3	44.45 [1.750]	27.94 [1.100]	19.69 [0.775]	39.37 [1.550]
94911−X04MLF	4	58.42 [2.300]	41.91 [1.650]	26.67 [1.050]	53.34 [2.100]
94911−X05MLF	5	72.39 [2.850]	55.88 [2.200]	33.66 [1.325]	67.31 [2.650]
94911−X06MLF	6	86.36 [3.400]	69.85 [2.750]	40.64 [1.600]	81.28 [3.200]
94911−X07MLF	7	100.33 [3.950]	83.82 [3.300]	47.63 [1.875]	95.25 [3.750]
94911−X08MLF	8	114.30 [4.500]	97.79 [3.850]	54.61 [2.150]	109.22 [4.300]
94911−X08LLF	8	114.30 [4.500]	97.79 [3.850]	54.61 [2.150]	109.22 [4.300]
94911−X09MLF	9	128.27 [5.050]	111.76 [4.400]	61.60 [2.425]	123.19 [4.850]
94911−X10MLF	10	142.24 [5.600]	125.73 [4.950]	68.58 [2.700]	137.16 [5.400]
94911−X11MLF	11	156.21 [6.150]	139.70 [5.500]	75.57 [2.975]	151.13 [5.950]
94911−X12MLF	12	170.18 [6.700]	153.67 [6.050]	82.55 [3.250]	165.10 [6.500]

PRODUCT No.	NO OF PORTS	DIM A +0.10 [0.004] −0.20 [0.008]	DIM B	DIM C±0.10 [0.004]	DIM D±0.15 [0.006]
94911−X01LF	1	15.24 [0.600]	-----	5.72 [0.225]	11.43 [0.450]
94911−X02LF	2	30.48 [1.200]	13.97 [0.550]	12.70 [0.500]	25.40 [1.000]
94911−X03LF	3	44.45 [1.750]	27.94 [1.100]	19.69 [0.775]	39.37 [1.550]
94911−X04LF	4	58.42 [2.300]	41.91 [1.650]	26.67 [1.050]	53.34 [2.100]
94911−X05LF	5	72.39 [2.850]	55.88 [2.200]	33.66 [1.325]	67.31 [2.650]
94911−X06LF	6	86.36 [3.400]	69.85 [2.750]	40.64 [1.600]	81.28 [3.200]
94911−X07LF	7	100.33 [3.950]	83.82 [3.300]	47.63 [1.875]	95.25 [3.750]
94911−X08LF	8	114.30 [4.500]	97.79 [3.850]	54.61 [2.150]	109.22 [4.300]
94911−X09LF	9	128.27 [5.050]	111.76 [4.400]	61.60 [2.425]	123.19 [4.850]
94911−X10LF	10	142.24 [5.600]	125.73 [4.950]	68.58 [2.700]	137.16 [5.400]
94911−X11LF	11	156.21 [6.150]	139.70 [5.500]	75.57 [2.975]	151.13 [5.950]
94911−X12LF	12	170.18 [6.700]	153.67 [6.050]	82.55 [3.250]	165.10 [6.500]



VIEW A
SCALE: 2/1

NOTES

1. APPLICABLE PC BOARD THICKNESS: 1.60 [0.062].
2. CONTACTS: PHOSPHOR BRONZE ALLOY UNS−C51000, ø.460 [0.0181] ROUND WIRE, SEE TABLE FOR PLATING.
3. CENTER PEG FOR 8 PORTS AND ABOVE, (−XXXMLF PRODUCT ONLY).
4. NO CENTER PEG FOR P/N 94911−008LLF, AND −XXXLF PRODUCT.
5. PART NUMBERS WITH LF IN THE END ARE LEAD FREE.
6. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS−22−008.
7. THE HOUSING WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 15 SECONDS IN A CONVENTION INFRA−RED OR VAPOR PHASE REFLOW OVEN.
8. EQUIVALENT THICKNESS Au AND GXT PLATING HAVE SAME FUNCTION AND THEY ARE ALTERNATIVE BY THE CUSTOEMR .

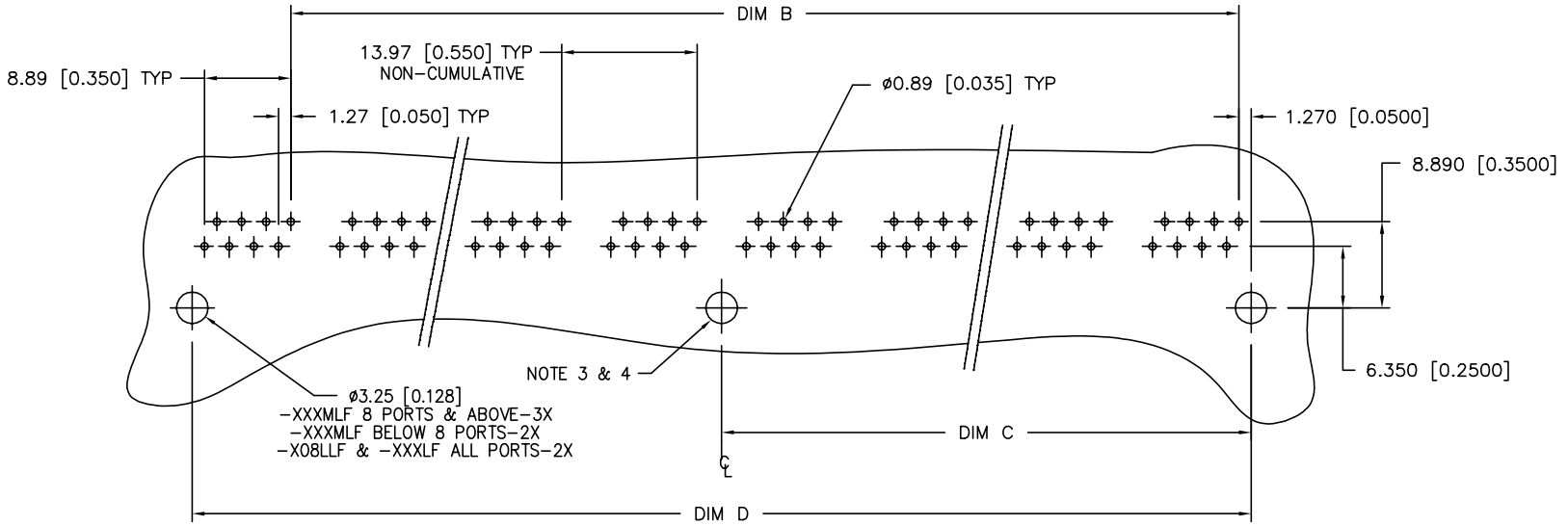
⑧

PLATING CODE X	PLATING
0	5u" Au + high performance lubricant
1	.38uM/15u" GOLD
3	5u" Au + high performance lubricant
5	1.27uM/50u" GOLD

mat'l. code				surface ISO1302	tolerance ISO1101 ISO406	projection	product family
ltr	ecn	no	dr date	tolerances unless otherwise specified			MOD JACK
J	V81304	RGD	7/13/98	angle	linear 0.X±0.3	mm	title
K	N04−0119	MHT	12/9/04		0.XX±0.15		R/A. 8 POS GANG JACK ASSY. UNSHIELDED, SNAP PEG
L	N08−0100	SH	09/25/08	0°±2°	0.XXX±0.05	scale 1.0	
M	N08−0273	SH	12/25/08	dr	KCHOU 5/5/94		dwg no 94911 sheet 4 of 6 size A4
N	ELX−N−011000	SH MAO	3/14/12	engr	TC 5/5/94		
				chn	J.TSAO 5/5/94		
				appd	J.TSAO 5/5/94		type Product Customer Drawing
sheet index	revision sheet						

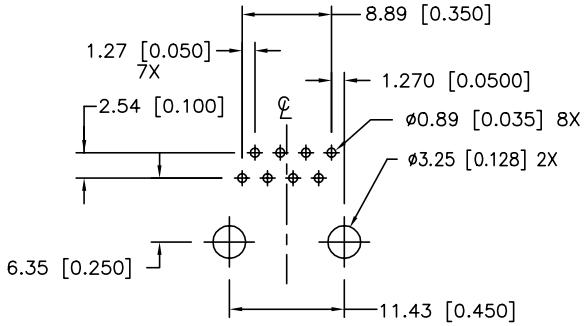
Copyright FCI.

PRODUCT NO
SEE TABLE



RECOMMENDED PC BOARD LAYOUT

(2 THRU 12 PORTS)



RECOMMENDED PC BOARD LAYOUT

(1 PORT)

mat'l. code				surface ISO1302	tolerance ISO1101 ISO406	projection	product family
							MOD JACK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
J	V81304	RGD	7/13/98	angle	linear 0.X±0.3	mm	R/A. 8 POS GANG JACK ASSY.
K	N04-0119	MHT	12/9/04		0.XX±0.15		UNSHIELDED, SNAP PEG
L	N08-0100	SH	09/25/08	0°±2°	0.XXX±0.05	scale 1.0	
M	N08-0273	SH	12/25/08	dr	KCHOU 5/5/94		dwg no 94911 sheet 5 of 6 size A4
N	ELX-N-011000	SH MAO	3/14/12	engr	TC 5/5/94		
				chn	J.TSAO 5/5/94		
				appd	J.TSAO 5/5/94		type Product Customer Drawing
sheet index	revision sheet						

Copyright FCI.

PRODUCT No.	NO OF PORTS	DIM A +0.10 [0.004] −0.20 [0.008]	DIM B	DIM C±0.10 [0.004]	DIM D±0.15 [0.006]
94911−X01MHLF	1	15.24 [0.600]	-----	5.72 [0.225]	11.43 [0.450]
94911−X02MHLF	2	30.48 [1.200]	13.97 [0.550]	12.70 [0.500]	25.40 [1.000]
94911−X03MHLF	3	44.45 [1.750]	27.94 [1.100]	19.69 [0.775]	39.37 [1.550]
94911−X04MHLF	4	58.42 [2.300]	41.91 [1.650]	26.67 [1.050]	53.34 [2.100]
94911−X05MHLF	5	72.39 [2.850]	55.88 [2.200]	33.66 [1.325]	67.31 [2.650]
94911−X06MHLF	6	86.36 [3.400]	69.85 [2.750]	40.64 [1.600]	81.28 [3.200]
94911−X07MHLF	7	100.33 [3.950]	83.82 [3.300]	47.63 [1.875]	95.25 [3.750]
94911−X08MHLF	8	114.30 [4.500]	97.79 [3.850]	54.61 [2.150]	109.22 [4.300]
94911−X08LHLF	8	114.30 [4.500]	97.79 [3.850]	54.61 [2.150]	109.22 [4.300]
94911−X09MHLF	9	128.27 [5.050]	111.76 [4.400]	61.60 [2.425]	123.19 [4.850]
94911−X10MHLF	10	142.24 [5.600]	125.73 [4.950]	68.58 [2.700]	137.16 [5.400]
94911−X11MHLF	11	156.21 [6.150]	139.70 [5.500]	75.57 [2.975]	151.13 [5.950]
94911−X12MHLF	12	170.18 [6.700]	153.67 [6.050]	82.55 [3.250]	165.10 [6.500]

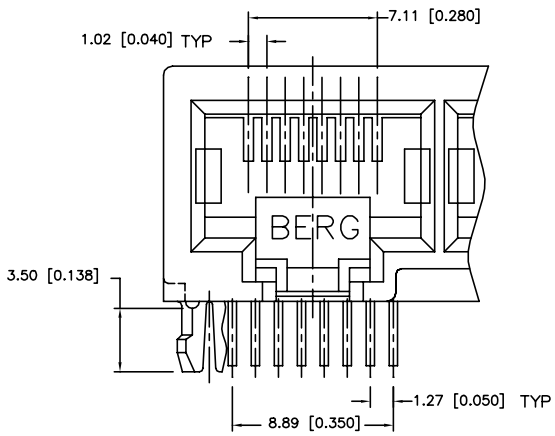
MEETS PIP PROCESS PRODUCT NO.

PRODUCT No.	NO OF PORTS	DIM A +0.10 [0.004] −0.20 [0.008]	DIM B	DIM C±0.10 [0.004]	DIM D±0.15 [0.006]
94911−X01HLF	1	15.24 [0.600]	-----	5.72 [0.225]	11.43 [0.450]
94911−X02HLF	2	30.48 [1.200]	13.97 [0.550]	12.70 [0.500]	25.40 [1.000]
94911−X03HLF	3	44.45 [1.750]	27.94 [1.100]	19.69 [0.775]	39.37 [1.550]
94911−X04HLF	4	58.42 [2.300]	41.91 [1.650]	26.67 [1.050]	53.34 [2.100]
94911−X05HLF	5	72.39 [2.850]	55.88 [2.200]	33.66 [1.325]	67.31 [2.650]
94911−X06HLF	6	86.36 [3.400]	69.85 [2.750]	40.64 [1.600]	81.28 [3.200]
94911−X07HLF	7	100.33 [3.950]	83.82 [3.300]	47.63 [1.875]	95.25 [3.750]
94911−X08HLF	8	114.30 [4.500]	97.79 [3.850]	54.61 [2.150]	109.22 [4.300]
94911−X09HLF	9	128.27 [5.050]	111.76 [4.400]	61.60 [2.425]	123.19 [4.850]
94911−X10HLF	10	142.24 [5.600]	125.73 [4.950]	68.58 [2.700]	137.16 [5.400]
94911−X11HLF	11	156.21 [6.150]	139.70 [5.500]	75.57 [2.975]	151.13 [5.950]
94911−X12HLF	12	170.18 [6.700]	153.67 [6.050]	82.55 [3.250]	165.10 [6.500]

MEETS PIP PROCESS PRODUCT NO.

⑧

PLATING CODE X	PLATING
0	5u" Au + high performance lubricant
1	.38uM/15u" GOLD
3	5u" Au + high performance lubricant
5	1.27uM/50u" GOLD



VIEW A
SCALE: 2/1

NOTES

1. APPLICABLE PC BOARD THICKNESS: 1.60 [0.062].
2. CONTACTS: PHOSPHOR BRONZE ALLOY UNS−C51000, ø.460 [0.0181] ROUND WIRE, SEE TABLE FOR PLATING.
3. CENTER PEG FOR 8 PORTS AND ABOVE, (−XXXMLF PRODUCT ONLY).
4. NO CENTER PEG FOR P/N 94911−008LLF, AND −XXXLF PRODUCT.
5. PART NUMBERS WITH LF IN THE END ARE LEAD FREE.
6. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS−22−008.
7. THE HOUSING WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 15 SECONDS IN A CONVENTION INFRA−RED OR VAPOR PHASE REFLOW OVEN.
8. EQUIVALENT THICKNESS Au AND GXT PLATING HAVE SAME FUNCTION AND THEY ARE ALTERNATIVE BY THE CUSTOEMR .

mat'l. code				surface ISO1302	tolerance ISO1101 ISO406	projection	product family
ltr	ecn no	dr	date	tolerances unless otherwise specified			MOD JACK
J	V81304	RGD	7/13/98	angle	linear 0.X±0.3	mm	title
K	N04−0119	MHT	12/9/04		0.XX±0.15		R/A. 8 POS GANG JACK ASSY. UNSHIELDED, SNAP PEG
L	N08−0100	SH	09/25/08	0°±2°	0.XXX±0.05	scale 1.0	
M	N08−0273	SH	12/25/08	dr KCHOU	5/5/94	FCI	dwg no 94911 sheet 6 of 6 size A4
N	ELX−N−011000	SH MAO	3/14/12	engr TC	5/5/94		
				chn J.TSAO	5/5/94		type Product Customer Drawing
				appd J.TSAO	5/5/94		
sheet index	revision sheet						