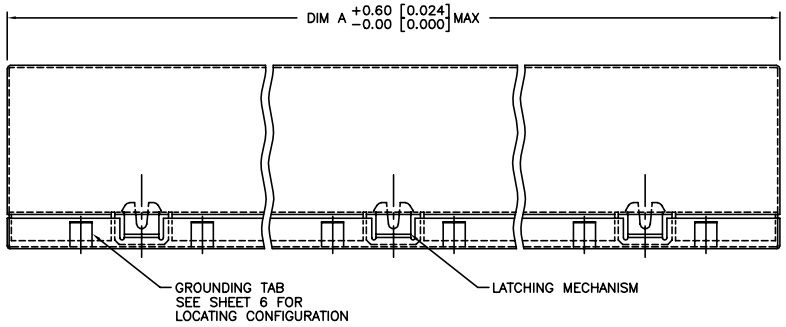
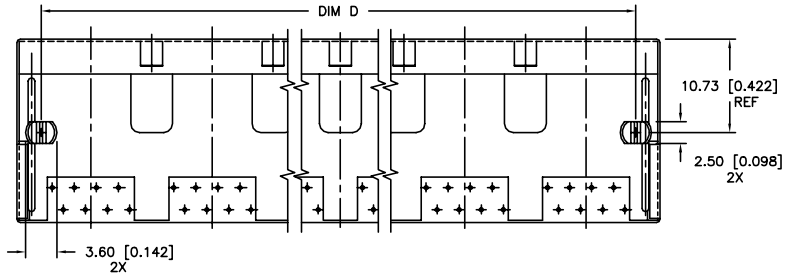
Copyright FCI.

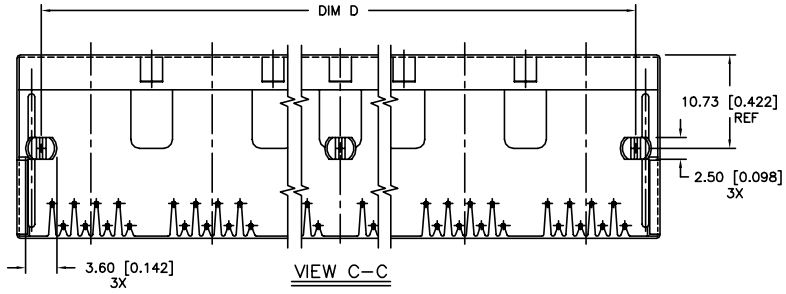
PRODUCT NO.
SEE TABLE





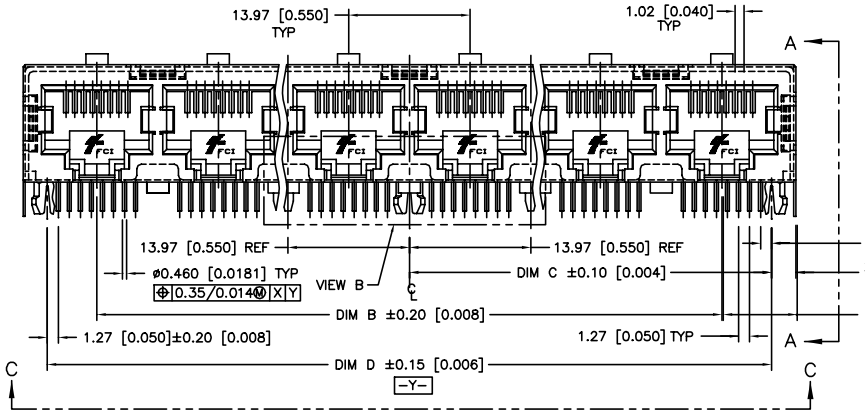
VIEW C–C

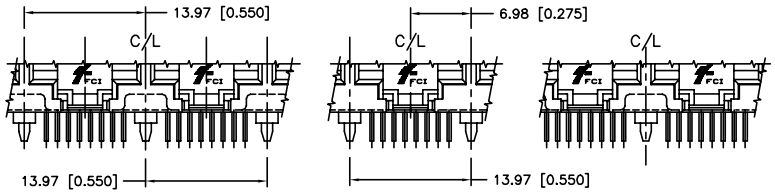
–XXXNLF PRODUCT ONLY (WITHOUT CENTER PEG – SEE NOTE 8)



VIEW C–C

–XXXM,–XXXMLF PRODUCT ONLY (WITH CENTER PEG – SEE NOTE 7)





FOR PORT NO. 4,6,8,10,12 FOR PORT NO. 3,5,7,9,11 FOR 2–PORT

VIEW B

(CENTER PEG OMITTED FOR CLARITY,
–XXXM,–XXXMLF PRODUCT ONLY)

ltr	ecn no	dr	date
R	M05-0067	MHT	4/8/05
S	N08-0001	SH	1/3/07
T	N08-0100	SH	09/25/08
U	N08-0239	SH	11/10/08
V	ELX-N-010997	SH MAO	3/14/12

sheet index	revision	V	
	sheet	1	2
		V	V
		3	4
		V	V
		5	6

mat'l. code

surface ISO1302 ✓ tolerance ISO1101 ISO406

tolerances unless otherwise specified

angle 0°±2° linear 0.X±0.3, 0.XX±0.15, 0.XXX±0.05

projection

mm

scale 1.0

dr	KCHOU	3/18/93
engr	TC	3/18/93
chr	J.TSAO	3/18/93
appd	J.TSAO	3/18/93

product family: MOD JACK

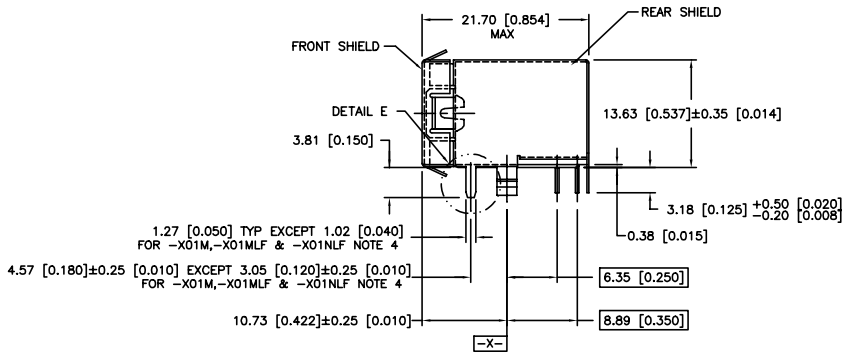
title: R/A 8 POS GANG JACK ASSY SHIELDED, SNAP PEG

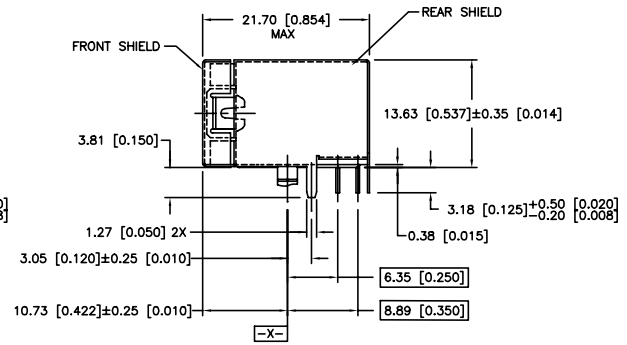
dwg no 94910 sheet 1 of 6 size A4

type Product Customer Drawing

Copyright FCI.

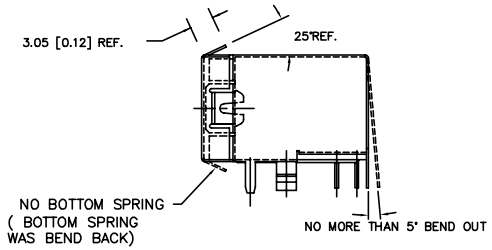
PRODUCT NO
SEE TABLE



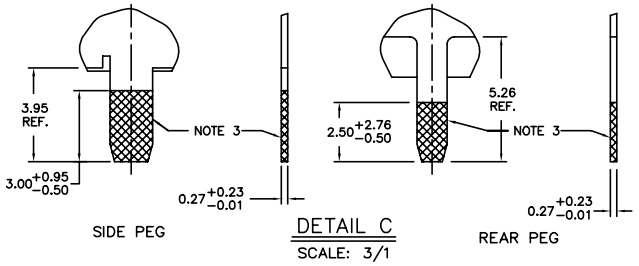


VIEW A−A

NOTE 5



P/N−X03N−ALF ONLY



DETAIL C
SCALE: 3/1

NOTES:

1. RECOMMENDED P.C.B. THICKNESS 1.60 [0.063].
2. CONTACTS: PHOS BRONZE ALLOY UNS−C51000, ø 0.460 [0.0181] ROUND WIRE, PLATING SEE TABLE.
3. SHIELDING MAT'L: .25 [0.010] THICK BRASS ALLOY.
   SHIELDING PLATING: FOR 94910−XXXM: 2.54uM/100u" MIN BRIGHT TIN−LEAD PLATED OVER 0.76uM/30u" MIN NICKEL UNDERPLATING PER BUS−15−002/M.
   LEAD FREE OPTION:
   FOR 94910−XXXNLF: 0.76uM/30u" MIN NICKEL PLATING , WITH SELECTIVE TIN ON SOLDER TAILS, SEE DETAIL E.
   SHIELDING PLATING: FOR 94910−XXXMLF: 2.54uM/100u" MIN BRIGHT PURE TIN PLATED OVER 0.76uM/30u" MIN NICKEL UNDERPLATING PER BUS−15−002/M.
4. SPECIALLY FOR ONE−PORT P/N 94910−X01M,−X01MLF & 94910−X01NLF ONLY. SOLDER TAIL OF SHIELD IS 1.02 [0.040] WIDE, DISTANCE FROM PCB PEG TO THE SOLDER TAIL IS 3.05 [0.120].
5. SPECIALLY FOR ONE−PORT P/N 94910−X01AM,−X01AMLF& 94910−X01ANLF ONLY. SOLDER TAIL OF SHIELD IS 1.27 [0.050] WIDE, DISTANCE FROM PCB PEG TO THE SOLDER TAIL IS 3.05 [0.120].
6. ALL DIMENSIONS IN MILLIMETERS/INCHES.
7. CENTER PEG FOR 8−PORTS AND ABOVE, (−XXXM,−XXXMLF PRODUCT ONLY).
8. NO CENTER PEG AVAILABLE ON −XXXNLF PRODUCT.
9. 'LF" SUFFIX AT THE END OF PART NUMBER IS LEAD FREE.
10. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 15 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.5mm MINIMUM THICK CIRCUIT BOARD. SEE APLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.
11. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS−22−008
12. PLATING OPTIONS:
    MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

ltr	ecn	ndr	date
R	M05−0067	MHT	4/8/05
S	N08−0001	SH	1/3/07
T	N08−0100	SH	09/25/08
U	N08−0239	SH	11/10/08
V	ELX−N−010997	SH MAO	3/14/12

dr	KCHOU	3/18/93
engr	TC	3/18/93
chr	J.TSAO	3/18/93
appd	J.TSAO	3/18/93

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 SHIELDED, SNAP PEG

dwg no 94910

sheet 2 of 6

size A4

type Product Customer Drawing

sheet index | revision sheet

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PRODUCT No.	No. OF PORTS	DIM A +0.60 [0.024] −0	DIM B	DIM C±0.10 [0.004]	DIM D±0.15 [0.006]	GROUND LEG NO. ON THE BACK (VIEW B)	NOTE
94910-X01M	1	15.74 [0.620]	-----	5.72 [0.225]	11.43 [0.450]	NONE	NOTE 4
94910-X01AM	1	15.74 [0.620]	-----	5.72 [0.225]	11.43 [0.450]	NONE	NOTE 5
94910-X04M	4	58.92 [2.320]	41.91 [1.650]	26.67 [1.050]	53.34 [2.100]	3	
94910-X08M	8	114.80 [4.520]	97.79 [3.850]	54.61 [2.150]	109.22 [4.300]	3	
94910-X01MLF	1	15.74 [0.620]	-----	5.72 [0.225]	11.43 [0.450]	NONE	NOTE 4
94910-X01AMLF	1	15.74 [0.620]	-----	5.72 [0.225]	11.43 [0.450]	NONE	NOTE 5
94910-X04MLF	4	58.92 [2.320]	41.91 [1.650]	26.67 [1.050]	53.34 [2.100]	3	
94910-X08MLF	8	114.80 [4.520]	97.79 [3.850]	54.61 [2.150]	109.22 [4.300]	3	
94910-X11MLF	1	15.74 [0.620]	-----	5.72 [0.225]	11.43 [0.450]	NONE	NOTE 4
94910-X11AMLF	1	15.74 [0.620]	-----	5.72 [0.225]	11.43 [0.450]	NONE	NOTE 5
94910-X14MLF	4	58.92 [2.320]	41.91 [1.650]	26.67 [1.050]	53.34 [2.100]	3	
94910-X18MLF	8	114.80 [4.520]	97.79 [3.850]	54.61 [2.150]	109.22 [4.300]	3	

0: MEETS WAVE SOLDER PROCESS PRODUCT NO.
1: MEETS PIP PROCESS PRODUCT NO.

PLATING CODE X	PLATING (12)
0	5u" Au + high performance lubricant
1	.38uM/15u" GOLD
3	5u" Au + high performance lubricant
5	1.27uM/50u" GOLD

ltr	ecn no	dr	date
R	M05-0067	MHT	4/8/05
S	N08-0001	SH	1/3/07
T	N08-0100	SH	09/25/08
U	N08-0239	SH	11/10/08
V	ELX-N-010997	SH MAO	3/14/12

mat'l. code

surface ISO 1302

tolerance ISO 1101 ISO 406

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

projection

mm

scale 1.0

dr	KCHOU	3/18/93
engr	TC	3/18/93
chr	J.TSAO	3/18/93
appd	J.TSAO	3/18/93

product family: MOD JACK

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

dwg no 94910 | sheet 3 of 6 | size A4

type: Product Customer Drawing

sheet index | revision sheet

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PRODUCT No.	PORTS	DIM A −0	DIM B±0.20 [0.008]	DIM C±0.10 [0.004]	DIM D±0.15 [0.006]	THE BACK (VIEW B)	
94910−X01NLF	1	15.74 [0.620]	-----	5.72 [0.225]	11.43 [0.450]	NONE	NOTE 4
94910−X01ANLF	1	15.74 [0.620]	-----	5.72 [0.225]	11.43 [0.450]	NONE	NOTE 5
94910−X04NLF	4	58.92 [2.320]	41.91 [1.650]	26.67 [1.050]	53.34 [2.100]	3	
94910−X08NLF	8	114.80 [4.520]	97.79 [3.850]	54.61 [2.150]	109.22 [4.300]	3	
94910−X11NLF	1	15.74 [0.620]	-----	5.72 [0.225]	11.43 [0.450]	NONE	NOTE 4
94910−X11ANLF	1	15.74 [0.620]	-----	5.72 [0.225]	11.43 [0.450]	NONE	NOTE 5
94910−X14NLF	4	58.92 [2.320]	41.91 [1.650]	26.67 [1.050]	53.34 [2.100]	3	
94910−X18NLF	8	114.80 [4.520]	97.79 [3.850]	54.61 [2.150]	109.22 [4.300]	3	

0: MEETS WAVE SOLDER PROCESS PRODUCT NO.
1: MEETS PIP PROCESS PRODUCT NO.

PLATING CODE X	PLATING (12)
0	.76uM/30u" G.X.T.
1	.38uM/15u" GOLD
3	5u" Au + high performance lubricant
5	1.27uM/50u" GOLD

ltr	ecn	ndr	date
R	M05-0067	MHT	4/8/05
S	N08-0001	SH	1/3/07
T	N08-0100	SH	09/25/08
U	N08-0239	SH	11/10/08
V	ELX-N-010997	SH MAO	3/14/12

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

dr	KCHOU	3/18/93
engr	TC	3/18/93
chr	J.TSAO	3/18/93
appd	J.TSAO	3/18/93

product family: MOD JACK

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

dwg no 94910 sheet 4 of 6 size A4

type Product Customer Drawing

sheet index | revision sheet

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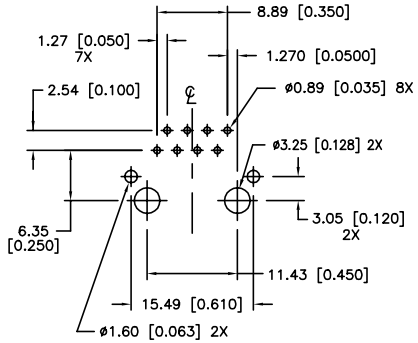
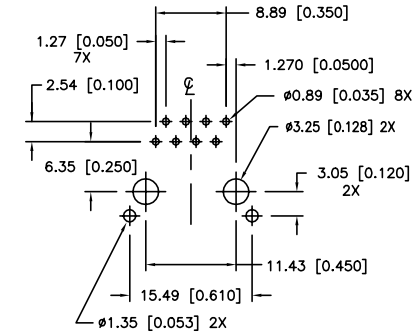
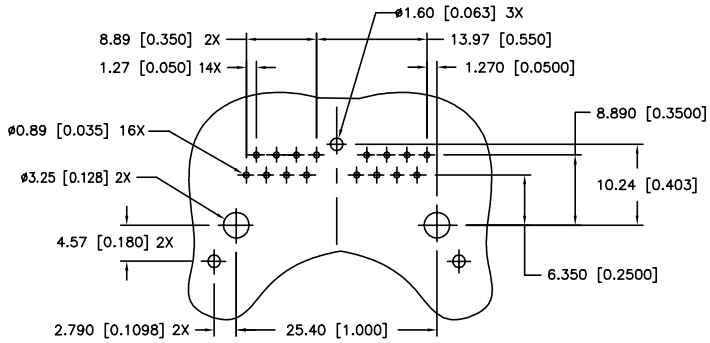
PRODUCT NO.
SEE TABLE



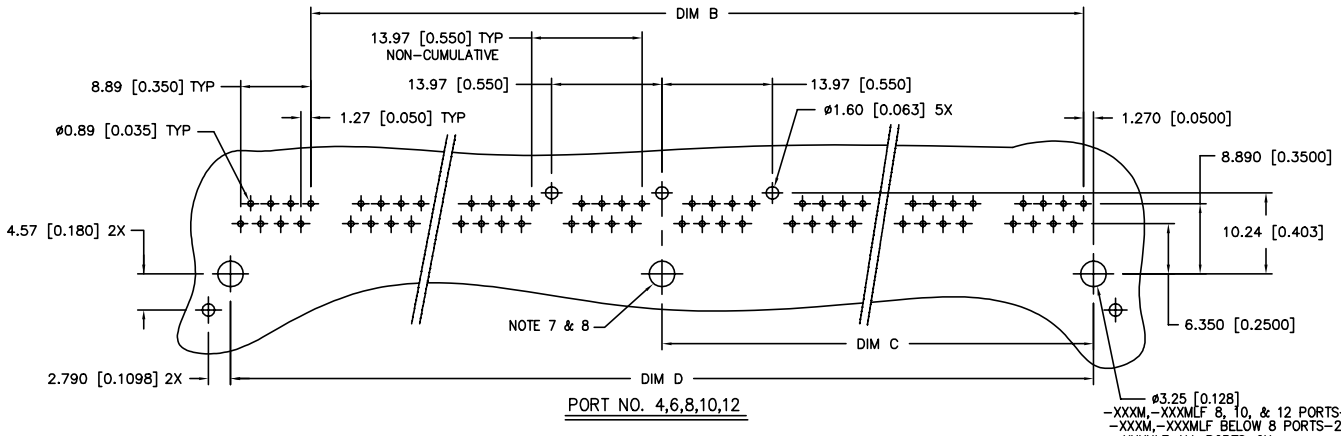
FOR 1–PORT, –X01AM, –X01A, –X01ANLF –X01AMLF & –X01ALF



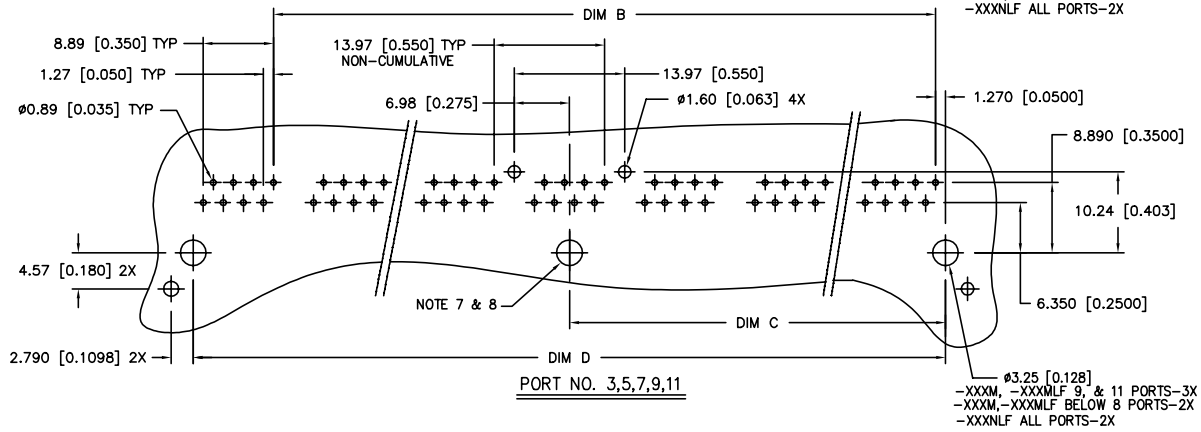
FOR 1–PORT, –X01M, –X01MLF & –X01NLF



2–PORT



PORT NO. 4,6,8,10,12



PORT NO. 3,5,7,9,11

RECOMMENDED P.C.B LAYOUT

mat'l. code				surface ISO1302	tolerance ISO1101 ISO406	projection	product family: MOD JACK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title: R/A 8 POS GANG JACK ASSY SHIELDED, SNAP PEG
R	M05–0067	MHT	4/8/05	angle	linear 0.X±0.3	mm	
S	N08–0001	SH	1/3/07		0.XX±0.15		
T	N08–0100	SH	09/25/08	0°±2°	0.XXX±0.05	scale 1.0	
U	N08–0239	SH	11/10/08	dr KCHOU	3/18/93		dwg no 94910 sheet 5 of 6 size A4
V	ELX–N–010997	SH MMO	3/14/12	engr TC	3/18/93		
				chn J.TSAO	3/18/93		type Product Customer Drawing
				appd J.TSAO	3/18/93		
sheet index	revision sheet						

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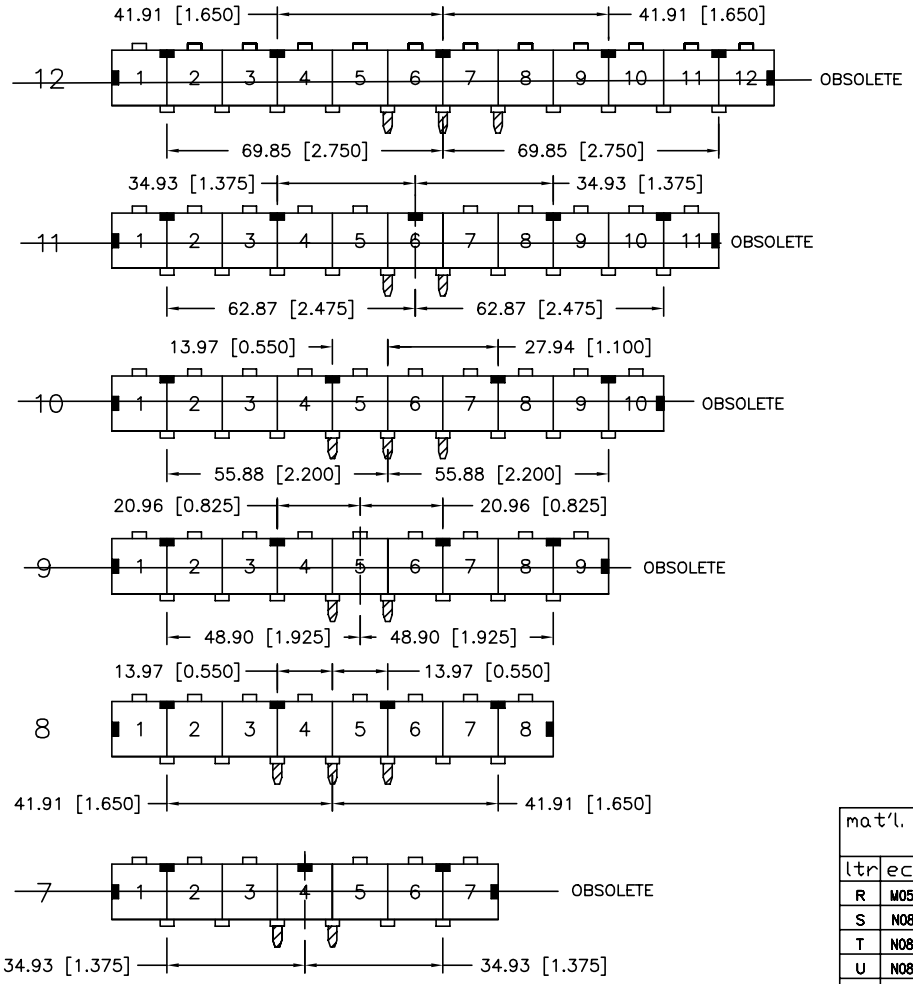
LATCHING AND GROUNDING TAB LOCATING CONFIGURATION

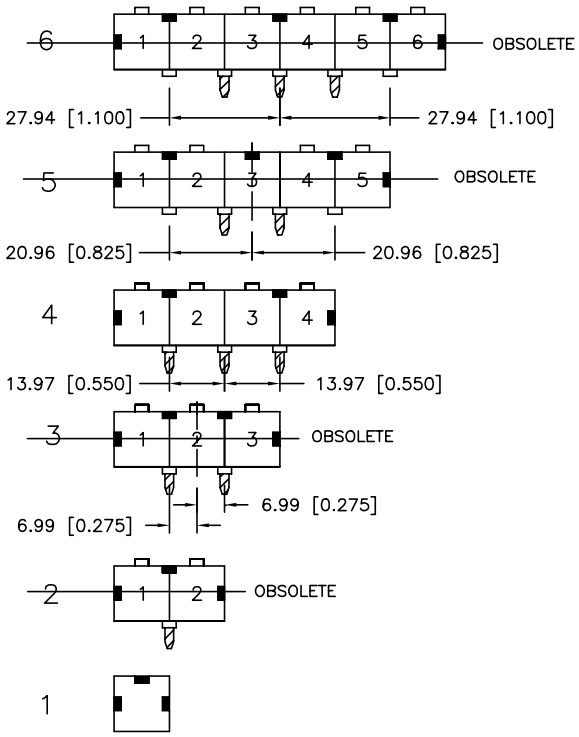
INDICATES LATCHING TAB (SEE SHEET 1)
INDICATES GROUNDING TAB ON THE FRONT OF PRODUCT (SEE SHEET 1)
INDICATES GROUNDING LEG ON THE BACK OF PRODUCT (VIEW B)

OBSOLETE

PORT NUMBERS



PORT NUMBERS



mat'l. code				surface ISO1302	tolerance ISO1101 ISO406	projection	product family
							MOD JACK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
R	M05-0067	MHT	4/8/05	angle	linear 0.X±0.3	mm	R/A 8 POS GANG JACK ASSY SHIELDED, SNAP PEG
S	N08-0001	SH	1/3/07		0.XX±0.15		
T	N08-0100	SH	09/25/08	0°±2°	0.XXX±0.05	scale 1.0	
U	N08-0239	SH	11/10/08	dr KCHOU	3/18/93		dwg no 94910 sheet 6 of 6 size A4
V	ELX-N-010997	SH MAO	3/14/12	engr TC	3/18/93		
				chn J.TSAO	3/18/93		
				appd J.TSAO	3/18/93		type Product Customer Drawing
sheet index	revision sheet						