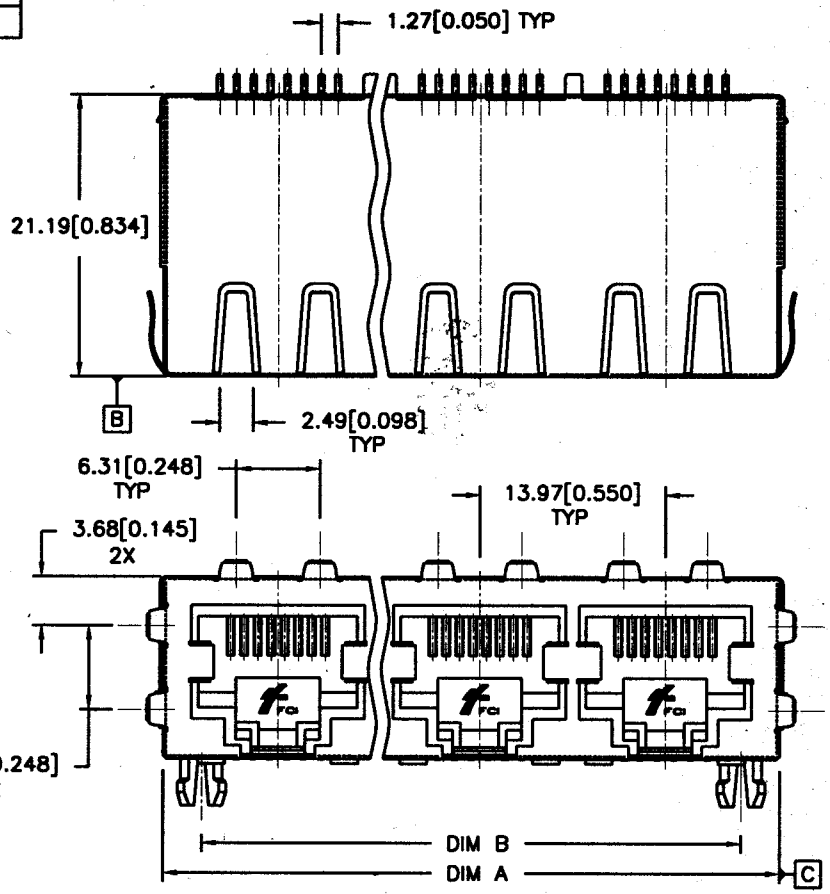
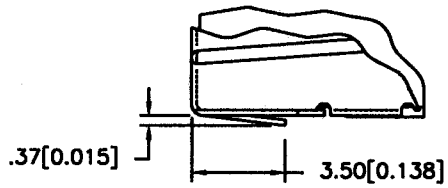
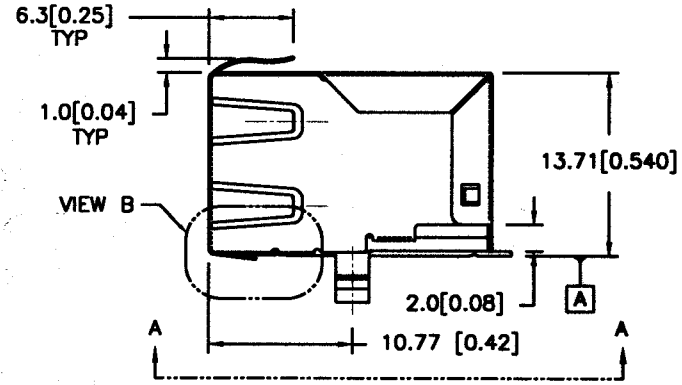
PRODUCT NO
SEE TABLE





VIEW B
SCALE: 2/1



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ltr	ecn no	dr	date
A	V82159	LP	12/9/98
B	V91281	LP	6/9/98
C	V92059	LP	10/20/99
D	V00659	CSP	10/12/00
E	V12561	LP	10/23/01
F	MOS-0074	MHT	4/23/05

sheet index	revision sheet				
		F	F	F	F
		1	2	3	4

mat'l. code –

tolerances unless otherwise specified

linear	.XX±.3/.01
	.XXX±0.13/.005
	.XXXX±.0.051/.0020
angles	0°±2°

dr	L POTTEIGER	12/9/98
engr	B. MARSHALL	12/9/98
chr	B. MARSHALL	12/9/98
oppd	B. MARSHALL	12/9/98

CUSTOMER COPY

projection

MM/INCH

scale 1:1

FCI www.fciconnect.com

title MPS SERIES, RJ45, SMT SNAP PEG ASSY

product family MOD JACK

code –

size A

dwg no 74843

sheet 1 of 4

coge code 22526

ACAD

PDM: Rev:F

STATUS:Released

Printed: Mar 20, 2007

PDM: Rev:F STATUS:Released Printed: Aug 01, 2010

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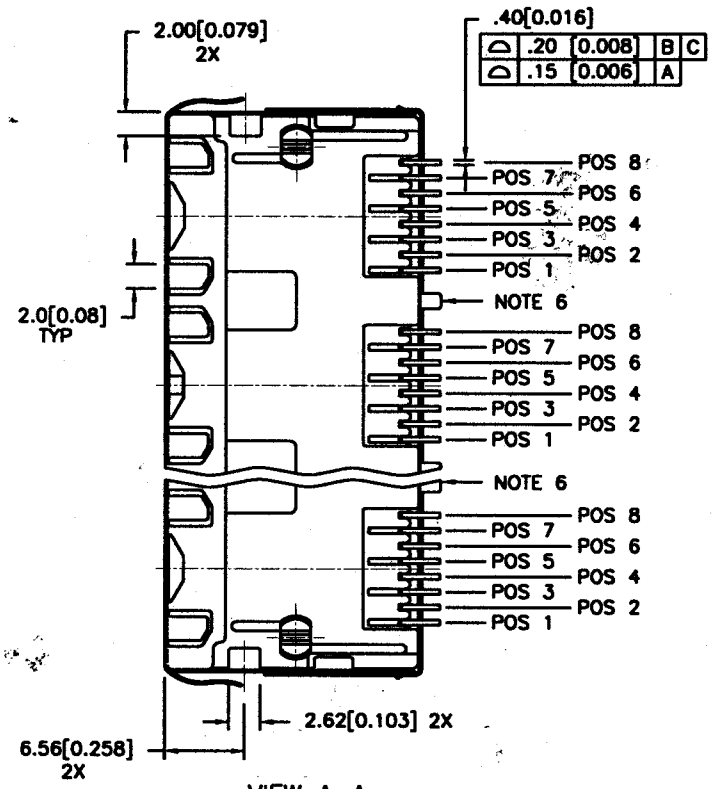
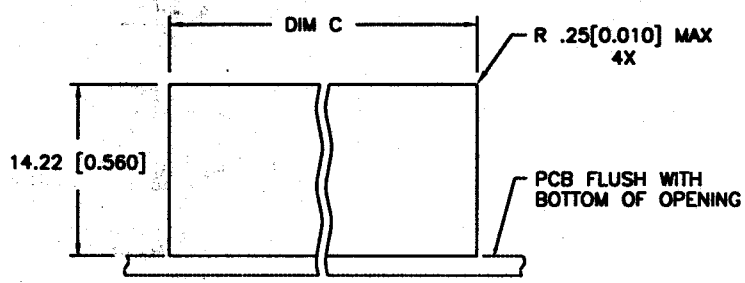
PRODUCT NO
SEE TABLE



VIEW A–A



RECOMMENDED PANEL OPENING

NOTES :

1. HOUSING MATL: HIGH TEMP. THERMOPLASTIC, COLOR BLACK, UL94V-0.
2. CONTACT MATL: COPPER ALLOY
   MATING AREA PLATING: (SEE TABLE).
   SOLDER AREA PLATING: 2.54uM/100u" MIN TIN LEAD OVER Ni.
   LEAD FREE OPTION:
   SOLDER AREA PLATING: 2.54uM/100u" MIN PURE TIN OVER Ni.
3. SHIELDING MAT'L: TIN PLATED COPPER ALLOY.
4. ALL DIMENSIONS IN MILLIMETERS AND INCHES.
5. UNLESS OTHERWISE SPECIFIED:
   DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M 1994.
   ⌓ .25 [0.010] A B C
   ALL UNTOLERANCED DIMENSIONS ARE BASIC.
6. SEE SHEET 4 FOR GROUND TAB CONFIGURATION.
7. LF SUFFIX AT THE END OF PART NUMBER IS LEAD FREE.
8. 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.
9. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
10. PLATING OPTIONS:
    MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

mat'l. code –				tolerances unless otherwise specified			CUSTOMER COPY	FCI www.fciconnect.com	
itr	ecn no	dr	date	linear	.XX±.3/.01				
F					.XXX±0.13/.005		projection	title	MPS SERIES, RJ45, SMT SNAP PEG ASSY
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				chr	B. MARSHALL	12/9/98	scale 1:1		
				appd	B. MARSHALL	12/9/98			
sheet index	revision sheet								

cage code 22526

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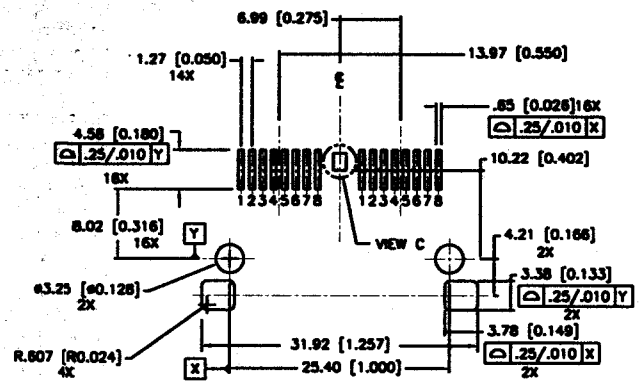
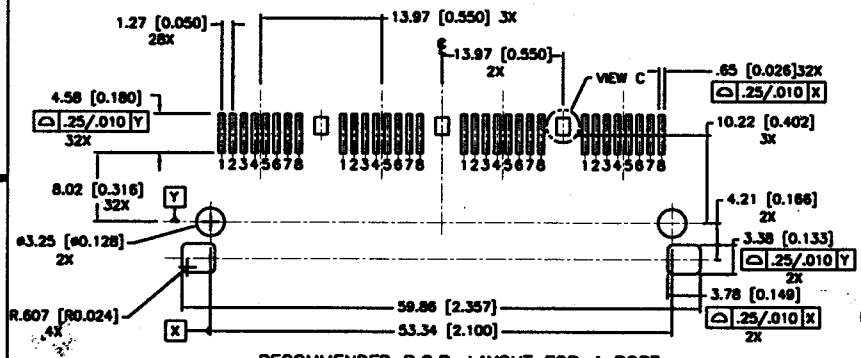
PRODUCT NO	NO. OF PORTS	DIM A	DIM B	DIM C	REMARKS
74843-X02Y 74843-X02YLF	2	31.17 [1.227]	25.40 [1.000]	32.11 [1.264]	TOOLED
74843-X03Y 74843-X03YLF	3	45.14 [1.777]	39.37 [1.550]	46.08 [1.814]	NOT TOOLED
74843-X04Y 74843-X04YLF	4	59.11 [2.327]	53.34 [2.100]	60.05 [2.364]	TOOLED

SPRING OPTION Y	DESCRIPTION (SEE SHEET 4 FOR OPTION VIEWS)
1	SPRINGS ON TOP, BOTTOM, AND BOTH SIDES
2	NO SPRINGS
3	SPRINGS ON TOP AND BOTTOM
4	SPRINGS ON TOP, BOTTOM, AND 1 PER SIDE (STAGGERED)
5	SAME AS OPTION 4, EXCEPT OPPOSITE STAGGER

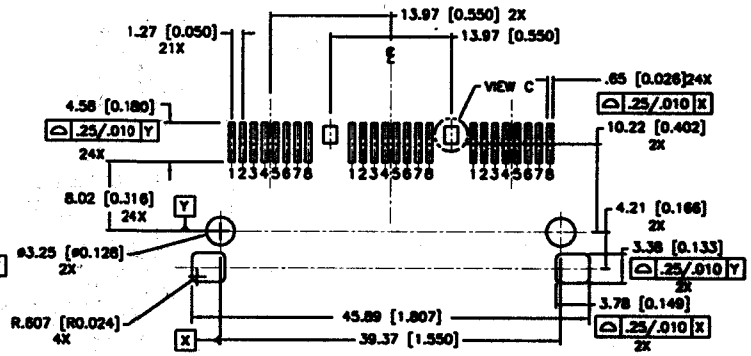
PLATING CODE X	PLATING (10)
0	.76μM/30μ" G.X.T.
3	.76μM/30μ" GOLD
5	1.27μM/50μ" GOLD



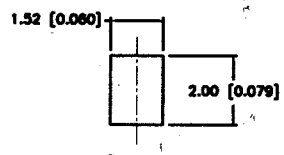
RECOMMENDED P.C.B. LAYOUT FOR 2 PORT
AS VIEWED FROM TOP SIDE (COMPONENT SIDE)



RECOMMENDED P.C.B. LAYOUT FOR 4 PORT
AS VIEWED FROM TOP SIDE (COMPONENT SIDE)



RECOMMENDED P.C.B. LAYOUT FOR 3 PORT
AS VIEWED FROM TOP SIDE (COMPONENT SIDE)



VIEW C
SCALE: 4/1

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	FCI www.fciconnect.com
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					.XXXX±.0.051/.0020			
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				dr	L. POTTEIGER	12/9/98		code –
				engr	B. MARSHALL	12/9/98		size A dwg no 74843
				chr	B. MARSHALL	12/9/98	scale 1:1	sheet 3 of
				appd	B. MARSHALL	12/9/98		
sheet index	revision sheet							

cage code 22526

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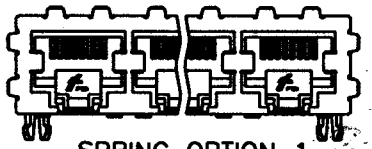
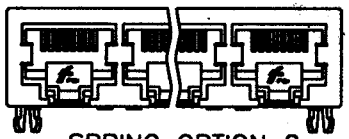
PRODUCT NO
SEE TABLE

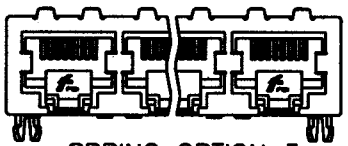
SPRING OPTION Y CONFIGURATION



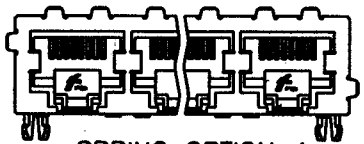
SPRING OPTION 1



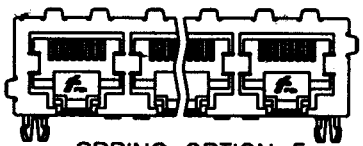
SPRING OPTION 2



SPRING OPTION 3



SPRING OPTION 4

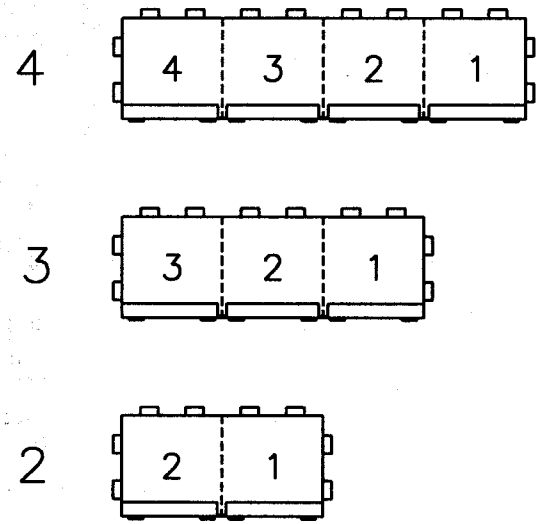


SPRING OPTION 5

GROUNDING TAB LOCATING CONFIGURATION

AS VIEWED FROM THE BACKSIDE
SNAP PEGS OMITTED FOR CLARITY

PORT NUMBERS



mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	FCI www.fciconnect.com	
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					.XXXX±.0.051/.0020				
				angles	0°±2°				
				dr	L. POTTEIGER	12/9/98	MM/INCH	product family MOD JACK	code –
				engr	B. MARSHALL	12/9/98		size A dwg no 74843	
				chr	B. MARSHALL	12/9/98	scale 1:1		sheet 4 of
				appd	B. MARSHALL	12/9/98			
sheet index	revision sheet								

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