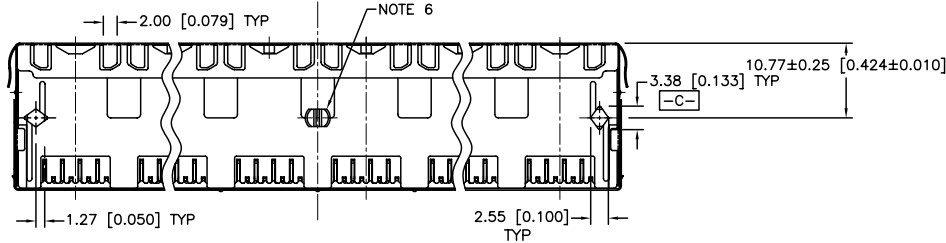
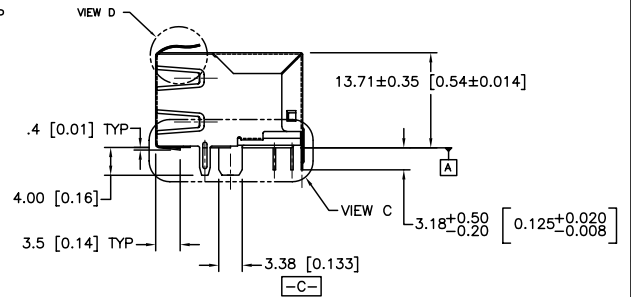
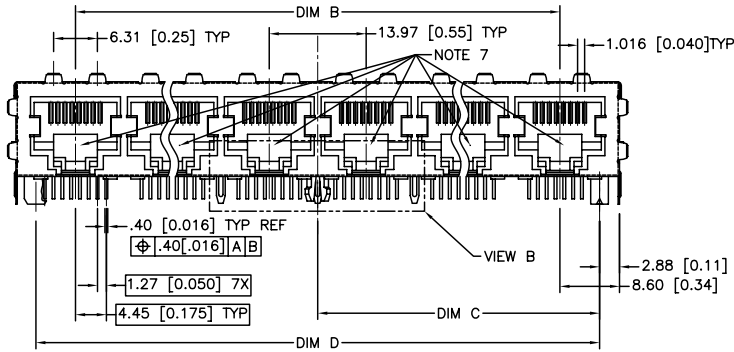
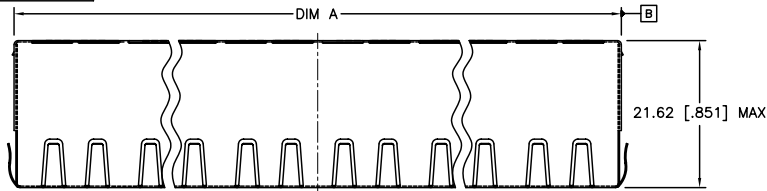




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PRODUCT NO  
SEE TABLE



mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	 www.fciconnect.com	
ltr	ecn no	dr	date	linear	.xx ±.01/.X±.3			projection
B	V91281	LP	6/9/99		.xxx ±.005/.xx±.13		MPS SERIES, RJ45	
C	V92058	LP	10/20/99		.xxx ±.0020/.xxx±.051	 MM/INCH	product family MOD JACK	
D	V00653	CSP	7/17/00	angles	0° ±2°			code
E	V10984	BKB	3/13/01	dr	L.POTTEIGER 11/16/98	scale	size	sheet
F	V12561	LP	10/23/01	enfr	B.MARSHALL 11/16/98			
G	V03-1103	PJ	10/20/03	chr	B.MARSHALL 11/16/98		dwg no	
H	M05-0074	MHT	4/23/05	appd	B.MARSHALL 11/16/98		74839	
sheet	revision	H	G	H	G			
index	sheet	1	2	3	4	5		

cage code  
22526

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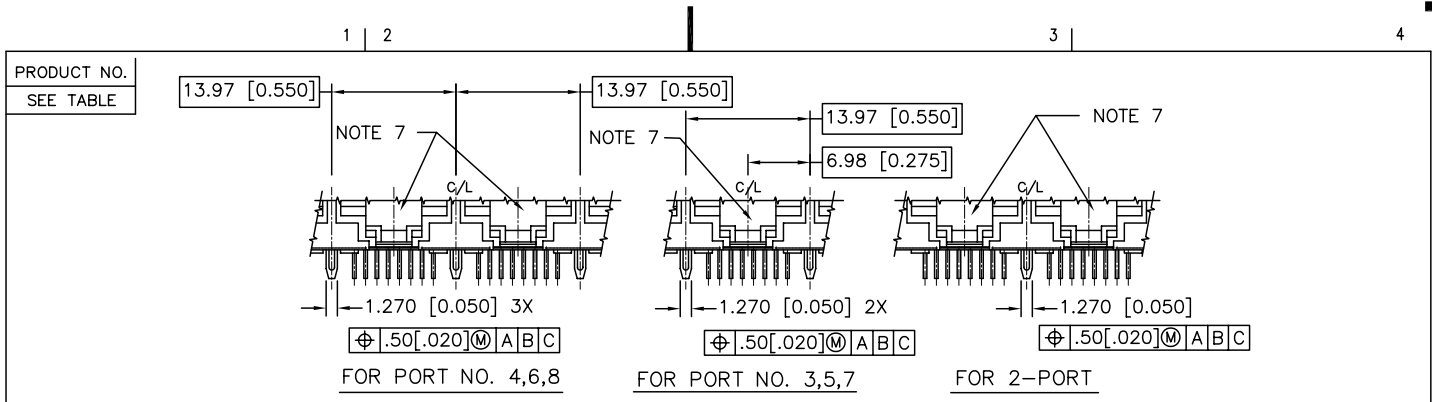
STATUS: Released

Printed: May 18, 2005

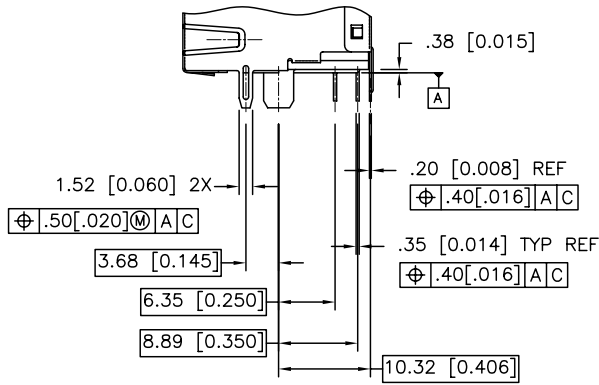
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**FCI**

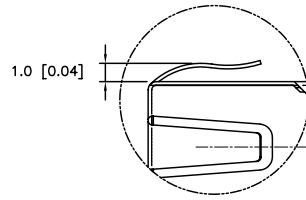
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VIEW B  
(CENTER PEG OMITTED FOR CLARITY)



VIEW C



VIEW D  
SCALE: 2/1  
TYP FOR ALL GROUND SPRINGS

mat'l. code				tolerances unless otherwise specified				CUSTOMER COPY		 www.fciconnect.com	
ltr	ecn no	dr	date	linear	.xx ±.01/.X±.3		projection		title		
G					.xxx ±.005/.xx±.13				MPS SERIES, RJ45		
					.xxx ±.0020/.xxx±.051				THRU HOLE DIAMOND PEG ASSY		
					0° ±2°				product family MOD JACK		
				angles	0° ±2°		MM/INCH	size	code		
				dr	L.POTTEIGER	11/16/98	1:1	A	213		
				enrg	B.MARSHALL	11/16/98			sheet		
				chr	B.MARSHALL	11/16/98			2 of 5		
				appd	B.MARSHALL	11/16/98					
sheet index	revision sheet								cage code		
									22526		

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1 | 2

3

4

PRODUCT NO. ⑥	NO. OF PORTS	DIM A <sup>+0.60</sup> <sub>-00</sub> [.024] [.000]	DIM B	DIM C <sup>±.10</sup> <sub>[±.004]</sub>	DIM D <sup>±.15</sup> <sub>[±.006]</sub>	DIM E <sup>±.13</sup> <sub>[±.005]</sub>
74839-X02Y	2	31.68 [1.247]	13.97 [0.550]	12.70 [0.500]	25.40 [1.000]	32.11 [1.264]
74839-X03Y	3	45.65 [1.797]	27.94 [1.010]	19.69 [0.775]	39.37 [1.550]	46.08 [1.814]
74839-X04Y	4	59.62 [2.347]	41.91 [1.650]	26.67 [1.050]	53.34 [2.100]	60.05 [2.364]
74839-X05Y	5	73.59 [2.897]	55.88 [2.200]	33.66 [1.325]	67.31 [2.650]	74.02 [2.914]
74839-X06Y	6	87.56 [3.447]	69.85 [2.750]	40.64 [1.600]	81.28 [3.200]	87.99 [3.464]
74839-X07Y	7	101.53 [3.997]	83.82 [3.300]	47.63 [1.875]	95.25 [3.750]	101.96 [4.014]
74839-X08Y	8	115.50 [4.547]	97.79 [3.850]	54.61 [2.150]	109.22 [4.300]	115.93 [4.564]

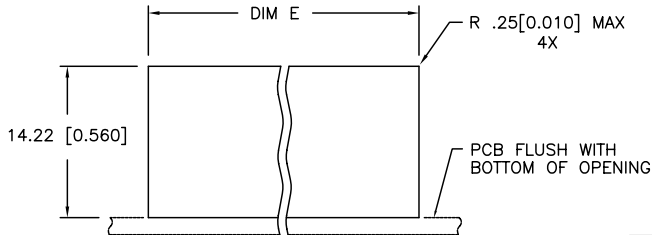
NOTE: PLEASE CHECK FOR AVAILABILITY, NOT ALL OPTIONS AVAILABLE.

SPRING OPTION Y	DESCRIPTION (SEE SHEET 5 FOR OPTIONAL VIEWS)
1	SPRING 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

NOTES:

- HOUSING MATL: HIGH TEMP. THERMOPLASTIC, COLOR BLACK, UL94V-0.
- CONTACT MATL: COPPER ALLOY  
MATING AREA PLATING: Au OVER Ni., (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.
- SHIELDING MAT'L: TIN PLATED COPPER ALLOY.
- ALL DIMENSIONS IN MILLIMETERS AND INCHES.
- SEE SHEET 5 FOR GROUND TAB CONFIGURATION.
- CENTER PEG FOR 8 PORT ONLY.
- COMPANY LOGO LOCATED IN THIS AREA.
- ADD LF SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- 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 APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- PLATING OPTIONS:  
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

PLATING CODE X	PLATING ⑪
0	.76uM/30u" G.X.T.
3	.76uM/30u" GOLD
5	1.27uM/50u" GOLD



RECOMMENDED PANEL OPENING

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI www.fciconnect.com	
ltr	ecn no	dr	date	linear	angles	projection	title	product family	MOD JACK
H				.XX ±.01/.XX±.3	0° ±2°	⊕	MPS SERIES, RJ45 THRU HOLE DIAMOND PEG ASSY	code 213	sheet 3 of 5
				.XXX ±.005/.XX±.13		MM/INCH	size	dwg no	
				.XXX ±.0020/.XXX±.051		scale	A	74839	
						1:1			
sheet index	revision sheet								

1 | 2

3

4

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STATUS: Released

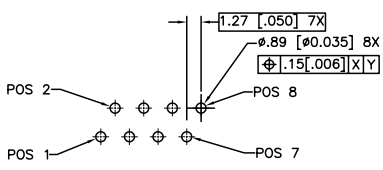
Printed: May 18, 200

cage code 22526

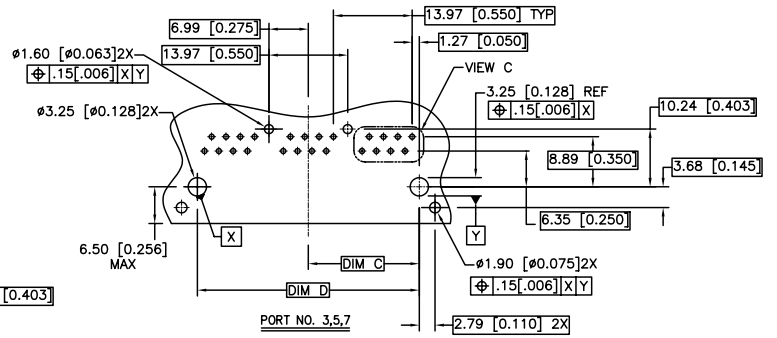
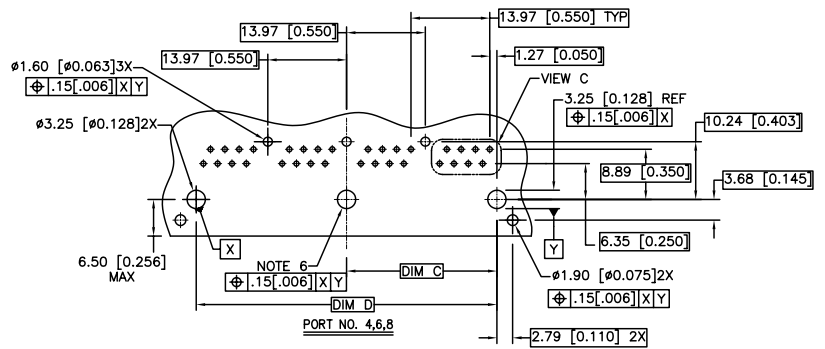
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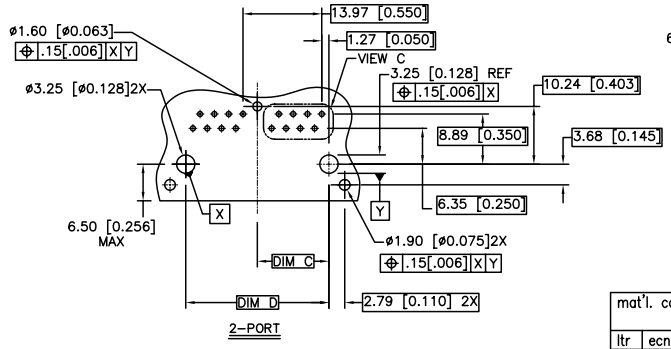
PRODUCT NO.  
SEE TABLE



VIEW C  
SCALE 2/1  
TYPICAL FOOTPRINT



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



2-PORT

mat'l. code		tolerances unless otherwise specified		CUSTOMER COPY		FCI		www.fciconnect.com	
ltr	ecn no	dr	date	linear	.xx ±.01/.X±.3	projection	title	MPS SERIES, RJ45	code
G					.xxx ±.005/.xx±.13	MM/INCH	THRU HOLE DIAMOND PEG ASSY	MOD JACK	213
				angles	.xxx ±.0020/.xxx±.051	scale	product family	size	sheet
				dr	0° ±2°	1:1	74839	dwg no	4 of 5
				engr	L.POTTEIGER 11/16/98				
				chr	B.MARSHALL 11/16/98				
				appd	B.MARSHALL 11/16/98				
sheet index	revision sheet								

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STATUS: Released

cage code  
22526  
Printed: May 18, 2005

1 | 2

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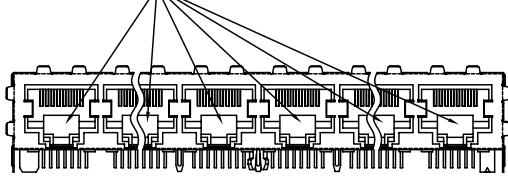
4

PRODUCT NO  
SEE TABLE

# SPRING TAB CONFIGURATION

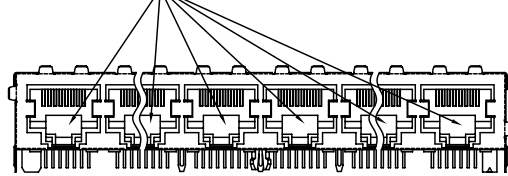
## OPTION Y

NOTE 7



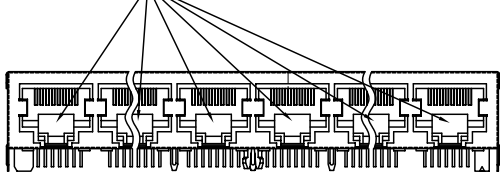
SPRING OPTION 1

NOTE 7



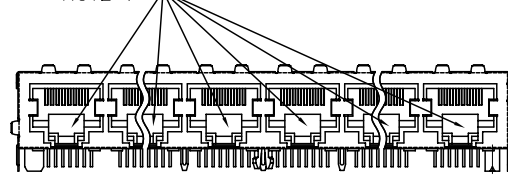
SPRING OPTION 4

NOTE 7



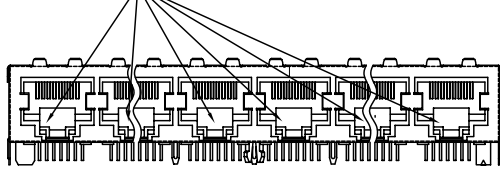
SPRING OPTION 2

NOTE 7



SPRING OPTION 5

NOTE 7





SPRING OPTION 3

1 | 2

3 |

4

mat'l. code		tolerances unless otherwise specified		CUSTOMER COPY		 www.fciconnect.com	
ltr	ecn no	dr	date	linear	.XX ±.01/.X±.3	projection	title
G					.XXX ±.005/.XX±.13	 MM/INCH	MPS SERIES, RJ45
				angles	.XXX ±.0020/.XXX±.051		THRU HOLE DIAMOND PEG ASSY
				dr	0° ±2°	scale	product family MOD JACK
				engr	L.POTTEIGER 11/16/98	1:1	code
				chr	B.MARSHALL 11/16/98		213
				appd	B.MARSHALL 11/16/98		sheet
sheet index	revision sheet						5 of 5

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