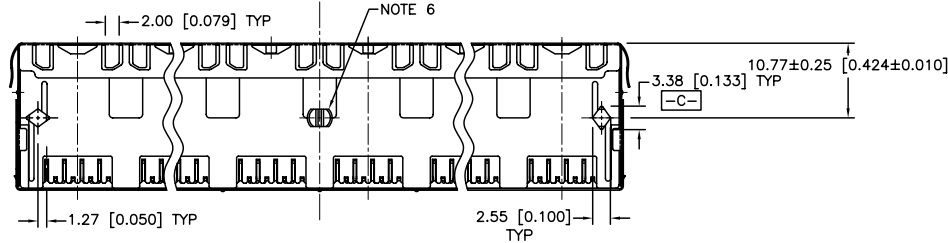
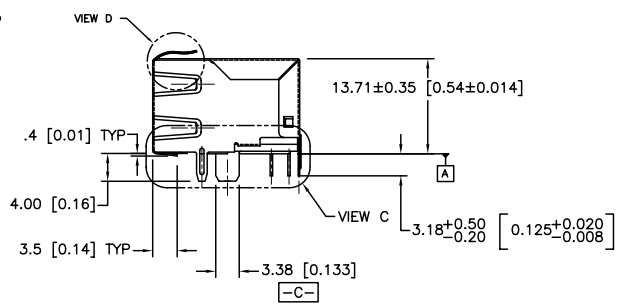
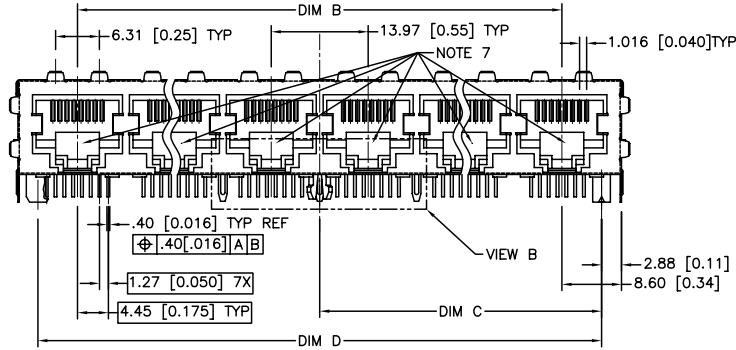
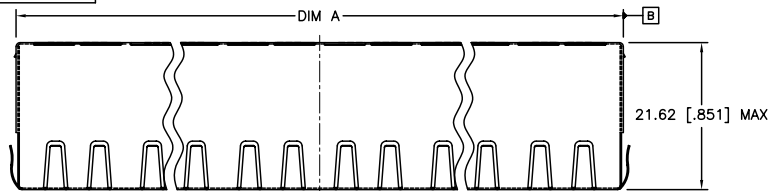


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FCI

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			title MPS SERIES, RJ45 THRU HOLE DIAMOND PEG ASSY		
B	V91281	LP	6/9/99		.xxx ±.005/.xx±.13	MM/INCH					
C	V92058	LP	10/20/99		.xxx ±.0020/.xxx±.051	scale	product family MOD JACK size dwg no A 74839		code 213 sheet 1 of 5		
D	V00653	CSP	7/17/00	angles	0° ±2°	1:1					
E	V10984	BKB	3/13/01	dr	L.POTTEIGER 11/16/98						
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						
H	M05-0074	MHT	4/23/05	appd	B.MARSHALL 11/16/98						
sheet	revision	H	G	H	G	G					
index	sheet	1	2	3	4	5					

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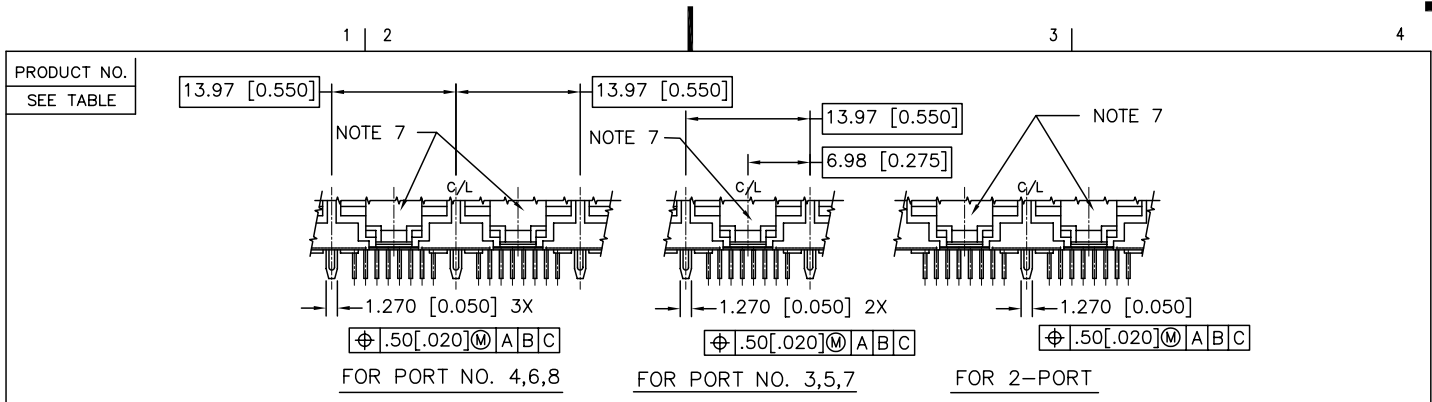
Printed: May 18, 2005

cage code
22526

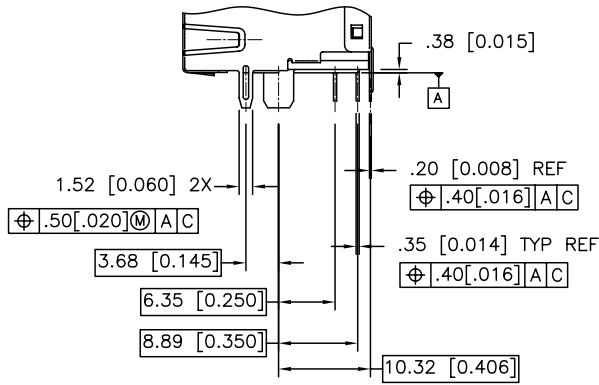
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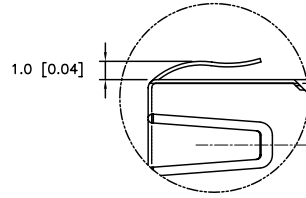
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
VIEW B
(CENTER PEG OMITTED FOR CLARITY)



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		
				engr	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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Printed: May 18, 2005

1 | 2

3

4

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PRODUCT NO. ⑥	NO. OF PORTS	DIM A ^{+0.60} ₋₀₀ [.024][.000]	DIM B	DIM C ^{±.10} _{±.004}	DIM D ^{±.15} _{±.006}	DIM E ^{±.13} _{±.005}
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]

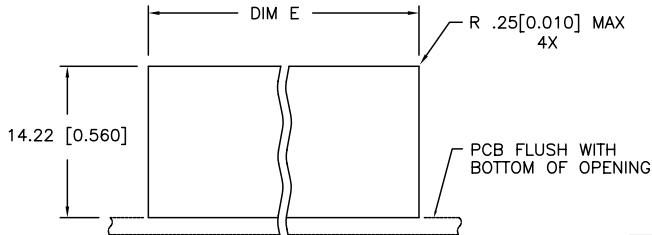
NOTE: PLEASE CHECK FOR AVAILABILITY, NOT ALL OPTIONS AVAILABLE.

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

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

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.



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
				.XXX ±.005/.XX±.13		MM/INCH	size	dwg no	74839
				.XXX ±.0020/.XXX±.051		scale	A	sheet	3 of 5
						1:1			
sheet index	revision sheet								

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STATUS: Released

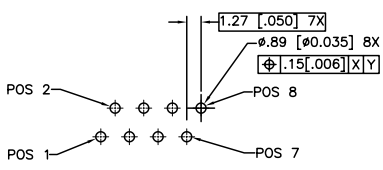
Printed: May 18, 200

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22526

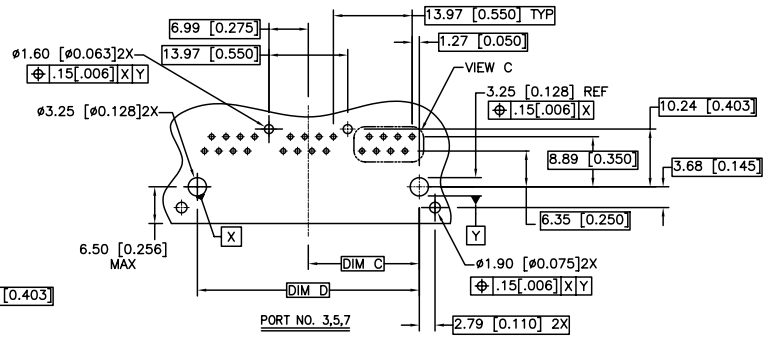
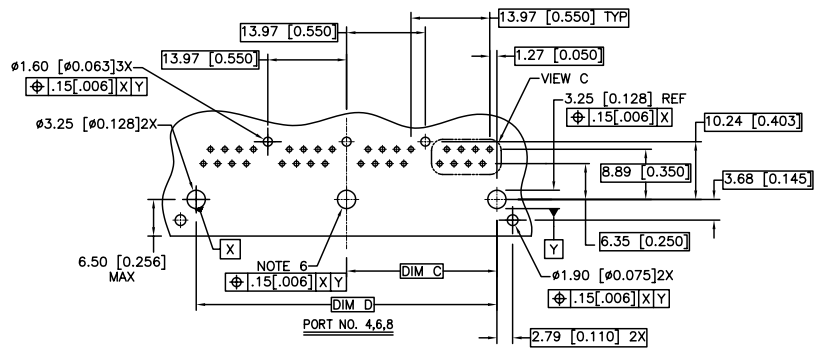
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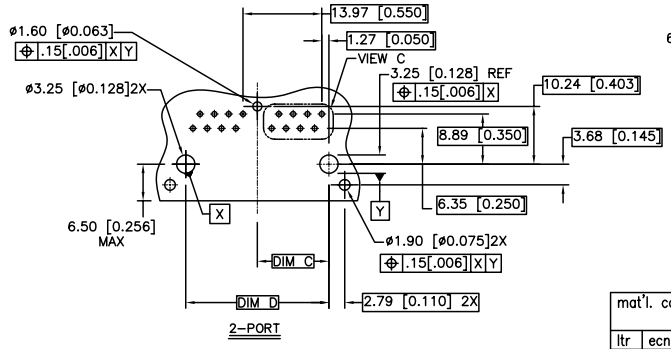
PRODUCT NO.
SEE TABLE



VIEW C
SCALE 2/1
TYPICAL FOOTPRINT



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



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

cage code
22526

1 | 2

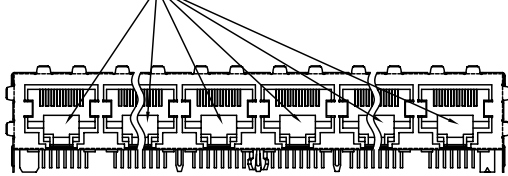
3 |

4

PRODUCT NO
SEE TABLE

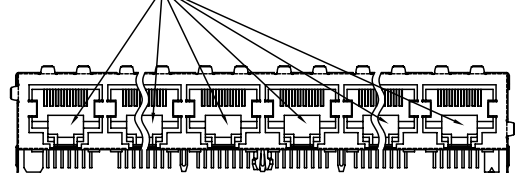
SPRING TAB CONFIGURATION OPTION Y

NOTE 7



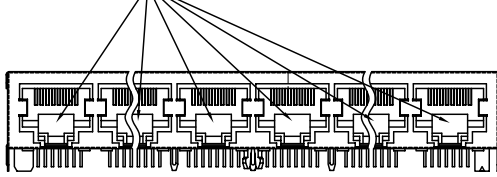
SPRING OPTION 1

NOTE 7



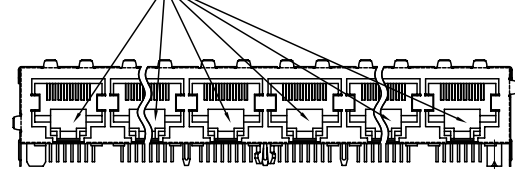
SPRING OPTION 4

NOTE 7



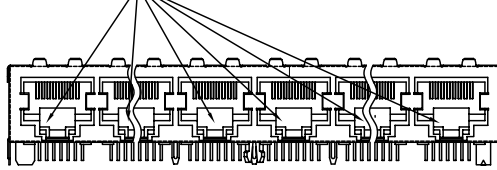
SPRING OPTION 2

NOTE 7



SPRING OPTION 5

NOTE 7





SPRING OPTION 3

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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°	product family	MOD JACK
				engr	L.POTTEIGER 11/16/98	size	code
				chr	B.MARSHALL 11/16/98	scale	213
				appd	B.MARSHALL 11/16/98	1:1	sheet
sheet index	revision sheet						5 of 5

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3 |

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