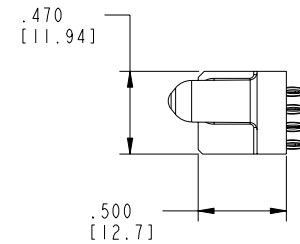
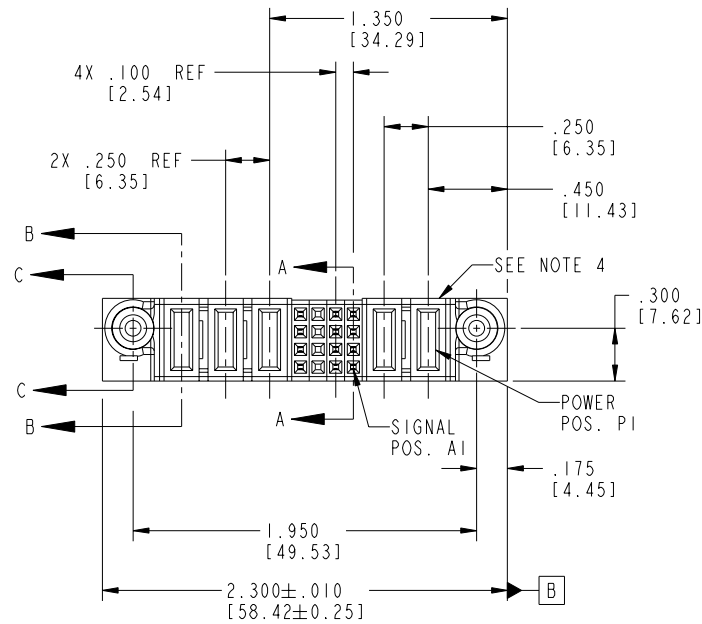


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PRODUCT NO.	ROWS	POWER			SIGNAL			POWER		
		E2	P5	P4	4	3	P3	P2	P1	E1
51750-071-- NOTE 3	D C B A		PC	PC	PC	F	F	F	PF	PF



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PC	.042 [1.07]	POWER
PF	.092 [2.34]	POWER
F	N/A [N/A]	SIGNAL
X	OMITTED	OMITTED

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear		.XX±.01/0.X±0.3		COPY		projection	
A	DG05-0378	CS	09/10/05			.XXX±.005/0.XX±0.13				title	
				angles		.XXX±.0020/0.XXX±0.051				2P + 16S + 3P	
				dr	CS	09/10/05				VERTICAL PRESS-FIT RECEPT	
				enr	STEVEN WANG	09/10/05		INCH/MM		product family	
				chr	VICTOR LIN	09/10/05		scale		PwrBlade	
				appd	JOSEPH HSIA	09/10/05		1:1		size	
sheet index		revision	A	A	A	A				dwg no	
		sheet	1	2	3	4				51750-071	
										code	
										213	
										sheet	
										1 of 4	

cage code 22526

Pro/E

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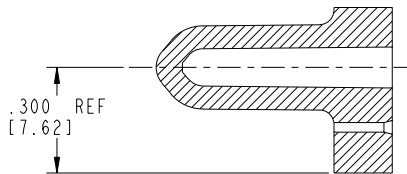
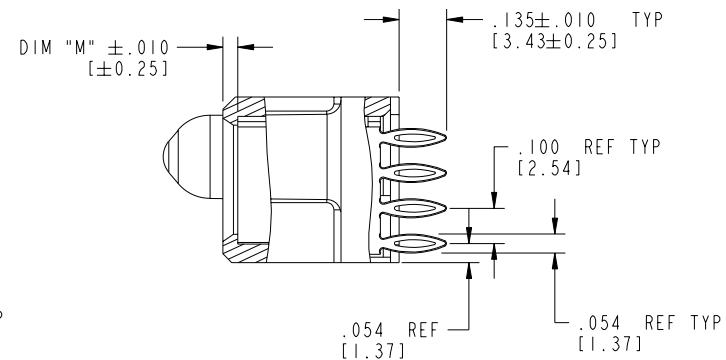
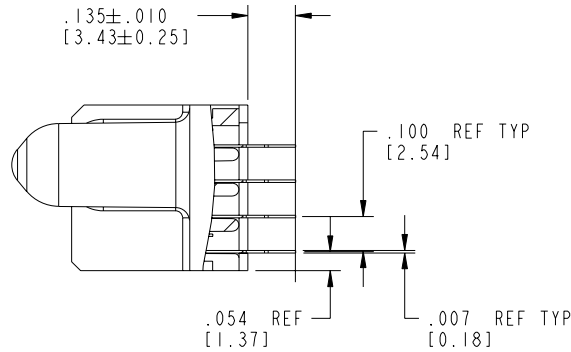
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PRODUCT NUMBER

51750-071
NOTE ③



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY			title	
A					.XXX±.005/0.XX±0.13		projection			2P + 16S + 3P	
					.XXXX±.0020/0.XXX±0.051					VERTICAL PRESS-FIT RECEPT	
				angles	0°±2°					product family	
				dr	CS	09/10/05	INCH/MM			PwrBlade	
				enrg	STEVEN WANG	09/10/05	scale			code	
				chr	VICTOR LIN	09/10/05	1:1			213	
				appd	JOSEPH HSIA	09/10/05				sheet	
sheet index		revision sheet								A	51750-071
											2 of 4

cage code 22526

PDM: Rev:A

STATUS: Released

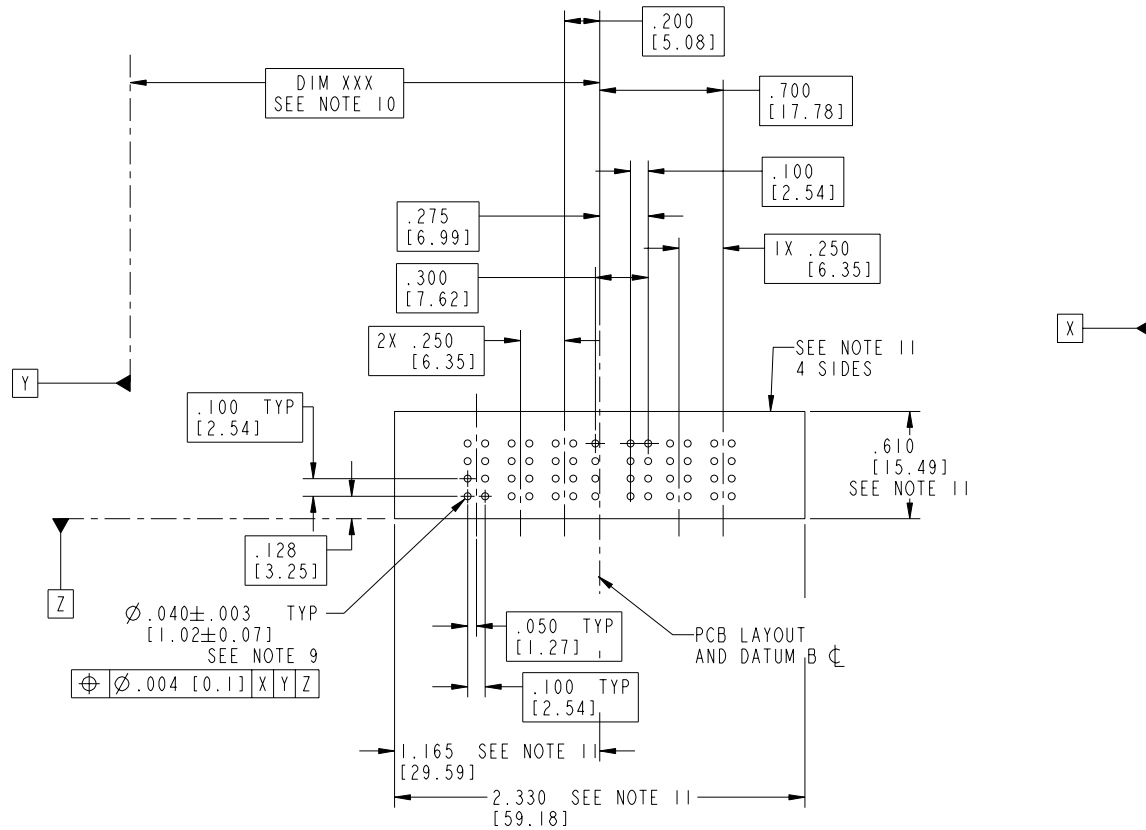
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PRODUCT NUMBER
51750-071
NOTE (3)



mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				A FCI www.fciconnect.com			
ltr	ecn no.	dr	date	linear				.XX±.01/0.X±0.3				COPY				title			
A				linear				.XXX±.005/0.XX±0.13				projection				2P + 16S + 3P			
				angles				.XXXX±.0020/0.XXX±0.051				INCH/MM				VERTICAL PRESS-FIT RECEPT			
				dr				CS 09/10/05				scale				product family			
				enrg				STEVEN WANG 09/10/05				1:1				PwrBlade			
				chr				VICTOR LIN 09/10/05								code			
				appd				JOSEPH HSIA 09/10/05								213			
sheet index				revision sheet												size			
																dwg no			
																51750-071			
																sheet			
																3 of 4			
																cage code			
																22526			
																4			

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PRODUCT NUMBER

51750-071
NOTE ③

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH
ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTOR NOTES:

② HOUSING MATERIAL: UL 94 V-0 GLASS FILLED
HIGH-TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY

3. PLATING:
51750-071 Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON CONTACT AREA.
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

51750-071LF Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON CONTACT AREA.
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

PART NUMBER 51750-071LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD

④ MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON
THIS SURFACE.

5. PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.

6. PACKAGED IN TRAYS.

PCB NOTES:

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

⑧ MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

⑨ $\varnothing.0453 \pm .0010$ [1.151 $\pm$ 0.025] DRILLED HOLES PLATED WITH
.0003 [0.008] MIN SnPb OVER .001 [0.03]
TO .003 [0.08] Cu PLATING TO ACHIEVE
 $\varnothing.040 \pm .003$ [1.02 $\pm$.07] HOLE.

⑩ "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

⑪ CONNECTOR KEEP-OUT ZONE.

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				A FCI www.fciconnect.com			
ltr	ecn no.	dr	date	linear	.XX+ .01/0.X+0.3			COPY				projection				title			
A					.XXX+ .005/0.XX+0.13											2P + 16S + 3P			
				angles	.XXX+ .0020/0.XX+0.051											VERTICAL PRESS-FIT RECEPT			
					0°+2°							INCH/MM				product family			
				dr	CS			09/10/05				scale				PwrBlade			
				enr	STEVEN WANG			09/10/05				size				dwg no			
				chr	VICTOR LIN			09/10/05				A				51750-071			
				appd	JOSEPH HSIA			09/10/05								code			
sheet index		revision sheet																213	
																		sheet	
																		4 of 4	

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