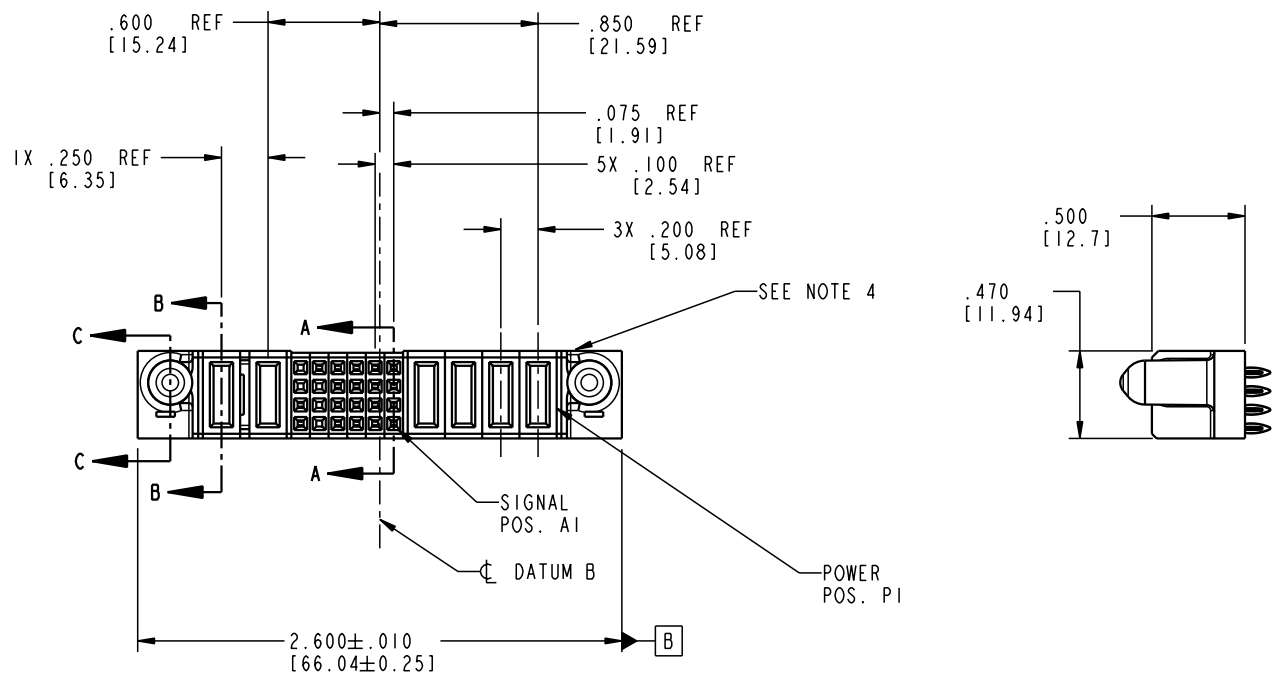


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PRODUCT NO.	ROWS	POWER		SIGNAL					POWER			E1				
		E2	P6	P5	6	5	4	3	2	1	P4		P3	P2	P1	
51940-029	D C B A		PC	PF	X	F	F	F	F	F	F	PF	PC	PC	PF	



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

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lfr	ecn no.	dr	date	linear	XX ± .01 / 0.X ± 0.3	COPY		title	
A	V03-0058	TAB	01/13/03	angles	XXX ± .005 / 0.XX ± 0.13	projection		4P + 24S + 2P	
					XXX ± .0020 / 0.XXX ± 0.051	 INCH/MM		VERTICAL PRESS FIT RECEPT	
				dr	T. BRUNGARD 01/13/03	scale		product family	
				enr	M. MOSTOLLER 01/13/03	1:1		PwrBlade	
				chr	M. MOSTOLLER 01/13/03			code	
				appd	M. MOSTOLLER 01/13/03			213	
sheet index	revision	A	A	A	A			sheet	
	sheet	1	2	3	4			1 of 4	

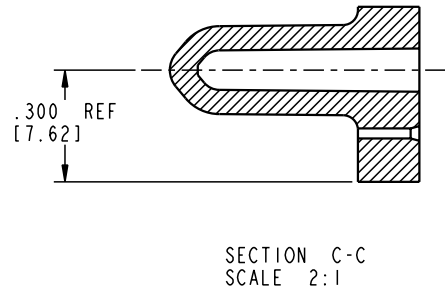
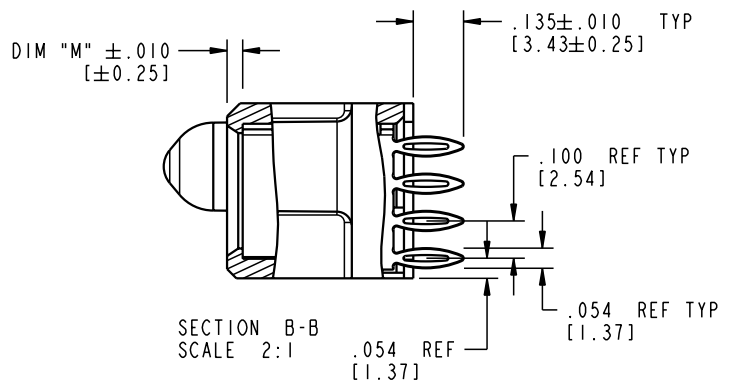
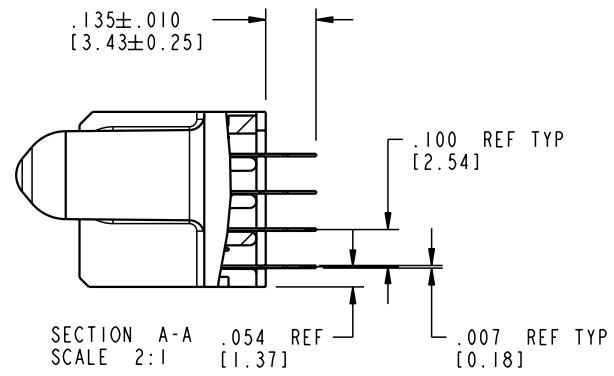
cage code 22526

Pro/E

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PRODUCT NUMBER  
51940-029



mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lfr	ecn no.	dr	date	linear	XX±.01/0.X±0.3	COPY		title	
A				projection	.XXX±.005/0.XX±0.13			4P + 24S + 2P	
				angles	.XXX±.0020/0.XXX±0.051			VERTICAL PRESS FIT RECEIPT	
				dr	0°±2°	INCH/MM		product family	
				enr	T. BRUNGARD 01/13/03	scale		PwrBlade	
				chr	M. MOSTOLLER 01/13/03	1:1		code	
				appd	M. MOSTOLLER 01/13/03			213	
sheet index		revision sheet						sheet	
								2 of 4	

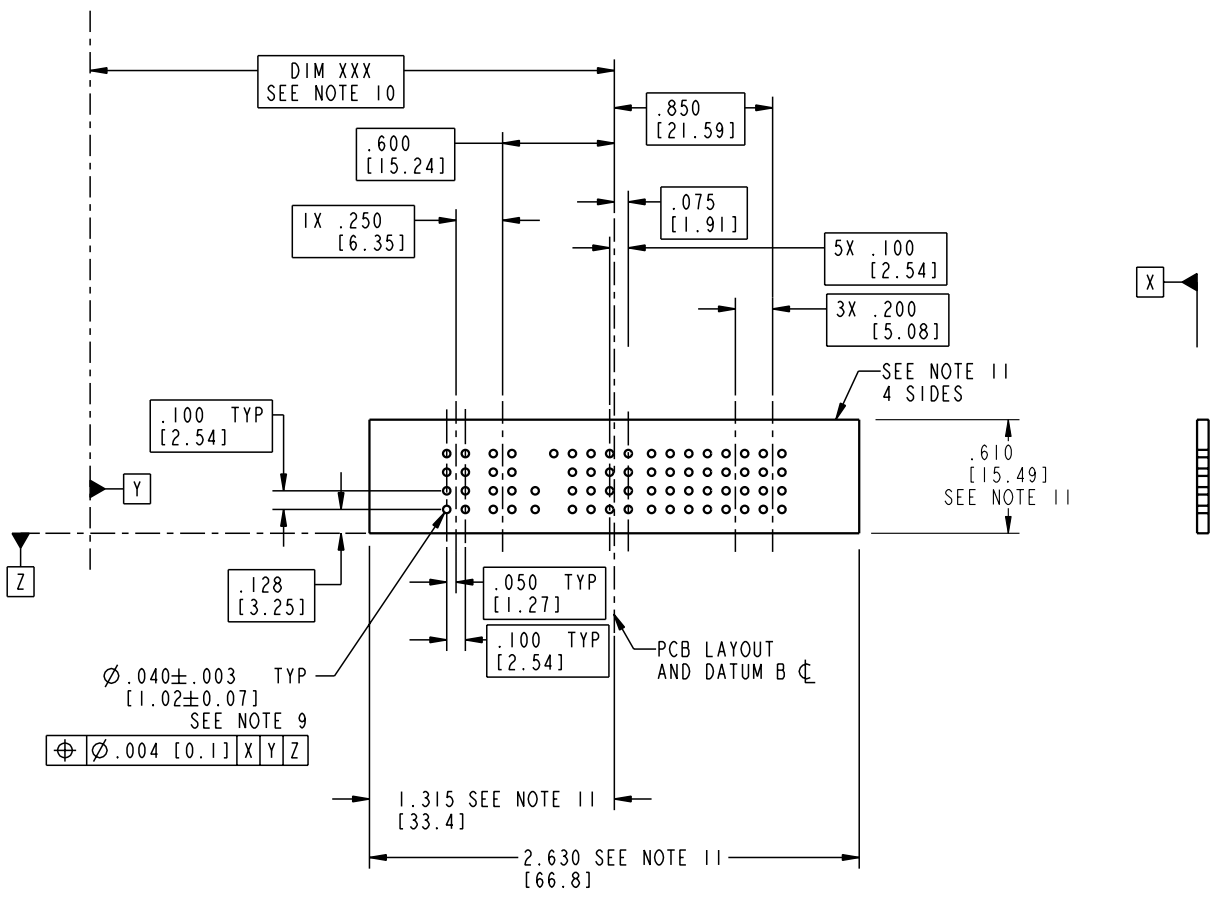
cage code 22526

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PRODUCT NUMBER  
51940-029



mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lfr	ecn no.	dr	date	linear	$XX \pm .01 / 0.X \pm 0.3$ $XXX \pm .005 / 0.XX \pm 0.13$ $XXXX \pm .0020 / 0.XXX \pm 0.051$	projection	title		
A				angles	$0^\circ \pm 2^\circ$		4P + 24S + 2P		
				dr	T. BRUNGARD 01/13/03	INCH/MM	VERTICAL PRESS FIT RECEPT		
				enr	M. MOSTOLLER 01/13/03	scale	product family		code
				chr	M. MOSTOLLER 01/13/03	1:1	PwrBlade		213
				appd	M. MOSTOLLER 01/13/03		size		sheet
sheet index		revision sheet				A		3 of 4	
						51940-029			

cage code 22526

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4

PRODUCT NUMBER  
51940-029

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:  
SIGNAL PINS: 30u"/0.76um Au OVER 50u"/1.27um Ni  
POWER CONTACTS: 50u"/1.27um Ni UNDER ALL WITH 30u"/0.76um Au ON CONTACT AREA AND SnPb ON PCB INTERFACE

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.

mot'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com	
lfr	ecn no.	dr	date	linear	$XX \pm .01 / 0.X \pm 0.3$ $XXX \pm .005 / 0.XX \pm 0.13$ $.XXXX \pm .0020 / 0.XXX \pm 0.051$	projection			title
A				angles	$0^\circ \pm 2^\circ$				4P + 24S + 2P VERTICAL PRESS FIT RECEPT
sheet index		revision sheet		dr	T. BRUNGARD 01/13/03	scale	1:1		product family
				enrg	M. MOSTOLLER 01/13/03			PwrBlade	code
				chr	M. MOSTOLLER 01/13/03			size	213
				appd	M. MOSTOLLER 01/13/03			dwg no	4 of 4
								A	51940-029

1 | 2

Pro/E

3 |

coge code 22526

4