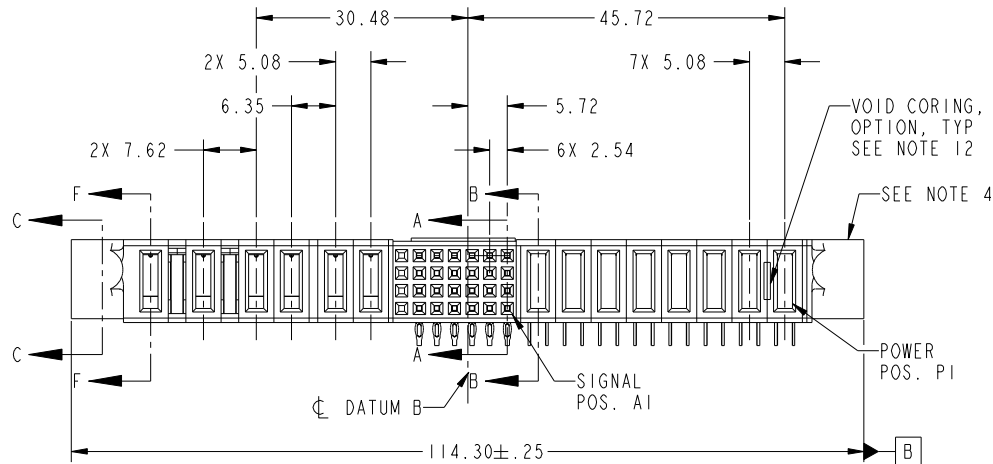
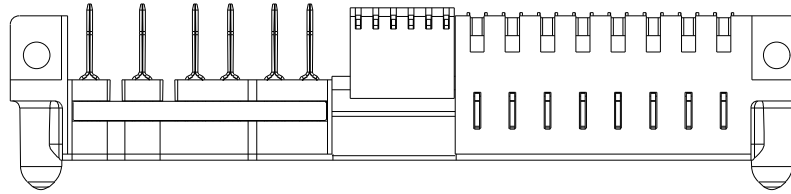


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PRODUCT NO.	ROWS	POWER								SIGNAL								POWER								
		E2	PI4	PI3	PI2	PI1	PI0	P9	7	6	5	4	3	2	1	P8	P7	P6	P5	P4	P3	P2	P1	E1		
51894-003-- NOTE: 3	D C B A		PH	PH	PG	PG	PH	PH	X	S	S	S	S	S	S	PE	PE	PE	PE	PF	PF	PF	PF			
									X	R	R	R	R	R	R											
									X	P	P	P	P	P	P											
									X	N	N	N	N	N	N											



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
N	[N/A]	SIGNAL
P	[N/A]	SIGNAL
R	[N/A]	SIGNAL
S	[N/A]	SIGNAL
PE	[1.07]	POWER
PF	[2.34]	POWER
PG	[1.07]	POWER
PH	[2.34]	POWER
X	OMITTED	OMITTED

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date					COPY		www.fciconnect.com	
A	V04-0162	TAB	02/18/04	linear		0.X ± 0.5		projection		title	8P + 28S + 4P + 2ACP
B	D605-0135	GuoJM	06/06/05			0.XX ± 0.25				R/A PRESS FIT RECEPTACLE	
C	DG09-0257	JW	08/11/09	angles		0.XXX ± 0.10				product family	PwrBlade
				dr	M. MOSTOLLER	3/5/03				size	213
				enrg	M. MOSTOLLER	3/5/03				dwg no	51894-003
				chr	H. BREWBAKER	3/5/03				sheet	1 of 4
				appd	M. MOSTOLLER	3/5/03				scale	
sheet index	revision sheet	C	C	C	C					cage code	22526
		1	2	3	4						

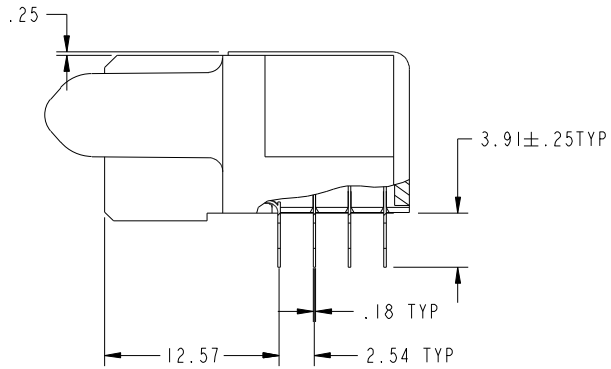
Pro/E

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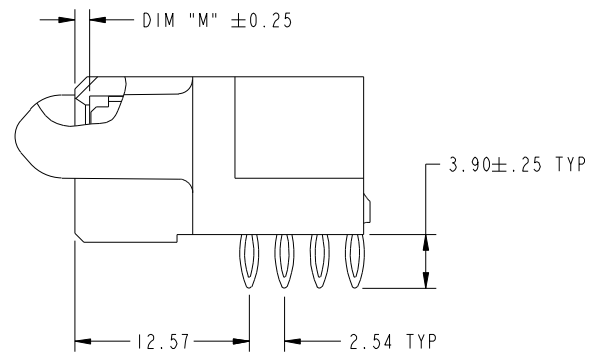


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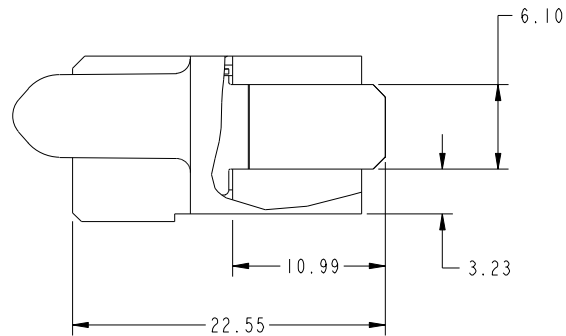
PRODUCT NUMBER
51894-003--
NOTE: 3



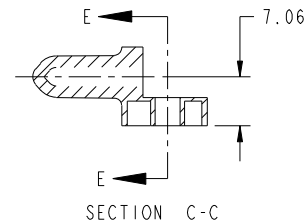
BROKEN-OUT SECTION A-A
SCALE 2:1



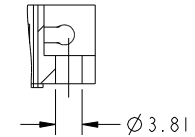
BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION F-F
SCALE 2:1



SECTION C-C



PARTIAL SECTION E-E

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date			linear	0.X ± 0.5	COPY		www.fciconnect.com	
C							0.XX ± 0.25	projection		title 8P + 28S + 4P + 2ACP R/A PRESS FIT RECEPTACLE	
						angles	0.XXX ± 0.10				
						dr	0° ± 2°			product family PwrBlade	
						enrg	M. MOSTOLLER 3/5/03			code 213	
						chr	M. MOSTOLLER 3/5/03			size dwg no	
						appd	H. BREWBAKER 3/5/03			51894-003	
							M. MOSTOLLER 3/5/03			sheet 2	
sheet index	revision sheet							scale 1:1		cage code 22526	

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mat'l code				SEE NOTE				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com			
lfr	ecn no.	dr	date	linear	0.X ± 0.5				projection 	title 8P + 28S + 4P + 2ACP R/A PRESS FIT RECEPTACLE									
C					0.XX ± 0.25														
					0.XXX ± 0.10														
				angles	0° ± 2°				 MM	product family				PwrBlade				code	
					dr	M. MOSTOLLER	3/5/03			scale	1:1	size		dwg no		213			
					enrg	M. MOSTOLLER	3/5/03					A		51894-003		sheet			
					chr	H. BREWBAKER	3/5/03									3			
				appd	M. MOSTOLLER	3/5/03													
sheet index		revision sheet																	
Pro/E				3				cage code				22526				4			

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51894-003-- 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: SEE ITEM 7 & 8 IN PRINT 10064183 FOR PLATING SPEC. OF 51894-003, 51894-003LF RESPECTIVELY.																																																																																																																	
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. $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH 0.008 MIN SnPb OR Sn OVER 0.03 TO 0.08 Cu PLATING TO ACHIEVE $\varnothing 1.02 \pm .07$ HOLE.																																																																																																																	
10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.																																																																																																																	
11. CONNECTOR KEEP-OUT ZONE.																																																																																																																	
12. THE VOID CORING IN BETWEEN POWER MODULES, SIGNAL MODULES AND END MODULES ARE OPTIONAL AND THE SHAPE MAY BE DIFFERENT FOR OPTIMIZE THE MOLDING PROCESS. THE VOID CORING WILL NOT EFFECT TO PRODUCT FUNCTION.																																																																																																																	
13. A $\triangle$ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.																																																																																																																	
14. USE FCI CAM TOOL 430140-XXX TO APPLY CONNECTOR TO PCB.																																																																																																																	
<table><tr><td colspan="2">mat'l code</td><td colspan="2">SEE NOTE</td><td colspan="2">tolerances unless otherwise specified</td><td colspan="2">CUSTOMER</td><td colspan="2">FCI www.fciconnect.com</td></tr><tr><td>ltr</td><td>ecn no.</td><td>dr</td><td>date</td><td rowspan="3">linear</td><td colspan="2">$0.X \pm 0.5$</td><td colspan="2">COPY</td><td rowspan="3">title 8P + 28S + 4P + 2ACP R/A PRESS FIT RECEPTACLE</td></tr><tr><td>C</td><td></td><td></td><td></td><td colspan="2">$0.XX \pm 0.25$</td><td colspan="2">projection</td></tr><tr><td></td><td></td><td></td><td></td><td colspan="2">$0.XXX \pm 0.10$</td><td colspan="2"></td></tr><tr><td></td><td></td><td></td><td></td><td>angles</td><td colspan="2">$0^\circ + 2^\circ$</td><td colspan="2"></td><td rowspan="3">product family PwrBlade</td></tr><tr><td></td><td></td><td></td><td></td><td>dr</td><td>M. MOSTOLLER</td><td>3/5/03</td><td colspan="2">size</td><td rowspan="3">code 213</td></tr><tr><td></td><td></td><td></td><td></td><td>engr</td><td>M. MOSTOLLER</td><td>3/5/03</td><td colspan="2">dwg no</td></tr><tr><td></td><td></td><td></td><td></td><td>chr</td><td>H. BREWBAKER</td><td>3/5/03</td><td colspan="2">sheet</td></tr><tr><td></td><td></td><td></td><td></td><td>appd</td><td>M. MOSTOLLER</td><td>3/5/03</td><td colspan="2">scale 1:1</td><td rowspan="3">A</td></tr><tr><td colspan="2">sheet index</td><td colspan="2">revision sheet</td><td></td><td></td><td></td><td></td><td></td><td rowspan="3">cage code 22526</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>		mat'l code		SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com		ltr	ecn no.	dr	date	linear	$0.X \pm 0.5$		COPY		title 8P + 28S + 4P + 2ACP R/A PRESS FIT RECEPTACLE	C				$0.XX \pm 0.25$		projection						$0.XXX \pm 0.10$								angles	$0^\circ + 2^\circ$				product family PwrBlade					dr	M. MOSTOLLER	3/5/03	size		code 213					engr	M. MOSTOLLER	3/5/03	dwg no						chr	H. BREWBAKER	3/5/03	sheet						appd	M. MOSTOLLER	3/5/03	scale 1:1		A	sheet index		revision sheet							cage code 22526																		
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