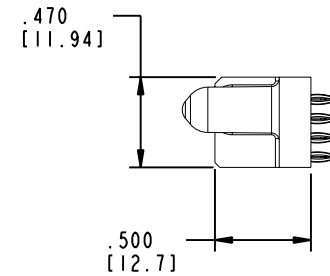
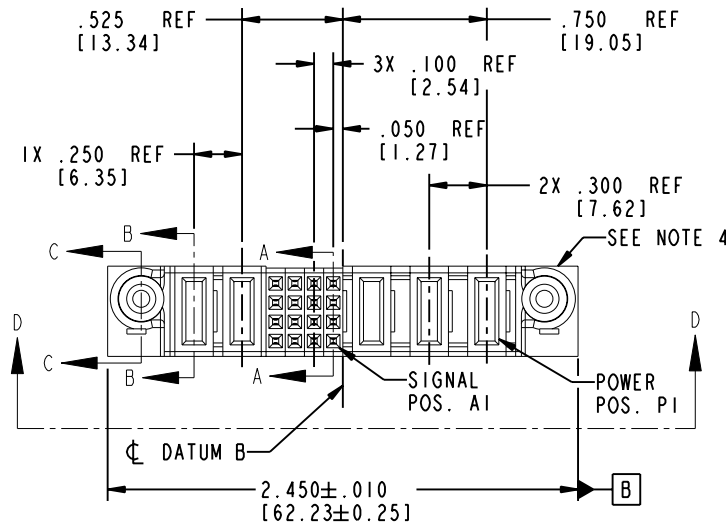


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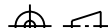
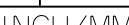
FCI

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PRODUCT NO.	ROWS	POWER				SIGNAL				POWER			
		E2	P5	P4	4	3	2	1	P3	P2	P1	E1	
51940-141 Note: ③	D C B A		PF	PF	F	F	F	X	PC	PF	PF		
					F	F	F	X					
					F	F	F	X					
					F	F	F	X					



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

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 3ACP+16S+2P VERTICAL PF RECEPT					
A	DG05-0094	JM	04/29/05		.XXX±.005/0.XX±0.13				projection							
					.XXXX±.0020/0.XXX±0.051											
				angles	0°±2°						product family PwrBlade					
				dr	JM Guo	04/29/05			scale		size		dwg no		code	
				enrg	SLUO	04/29/05			1:1		A		51940-141		213	
				chr	VICTOR LIN	04/29/05									sheet	
				appd	JOSEPH HSIA	04/29/05									1 of 4	
sheet index		revision sheet		A	A	A	A									
				1	2	3	4									

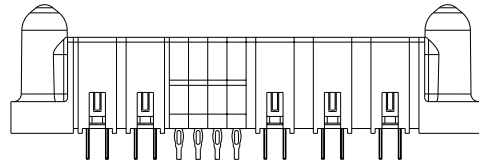
Pro/E

PDM: Rev:A

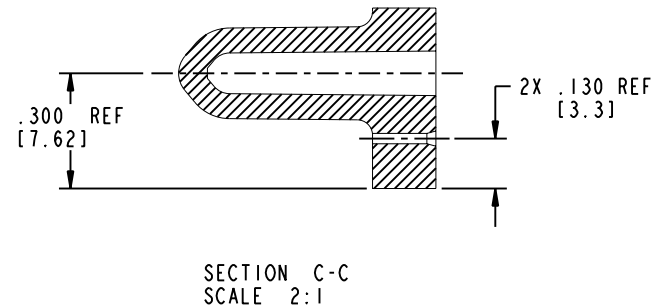
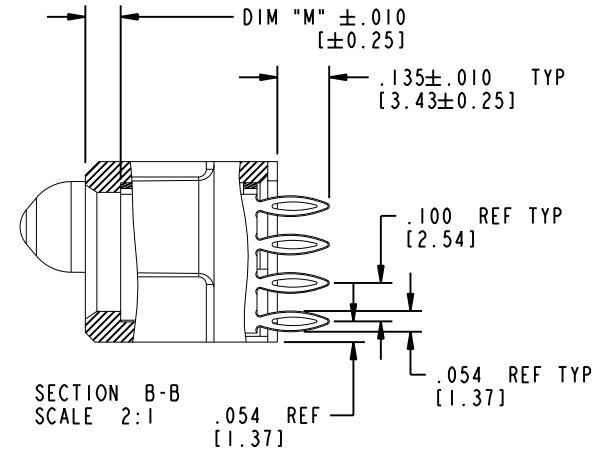
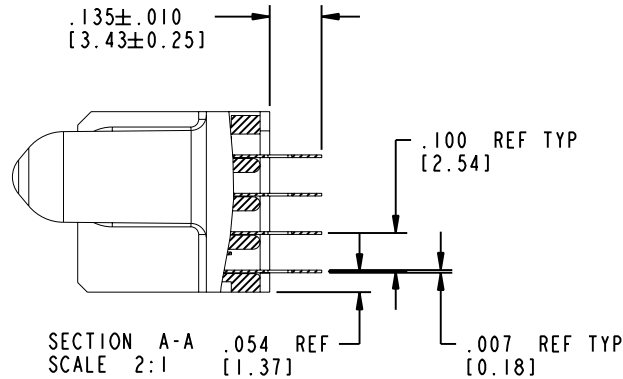
STATUS: Released

Printed: Dec 20, 2010

PRODUCT NUMBER
51940-141..
Note: ③



VIEW: D-D



material code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear		$.XX \pm .01 / 0.X \pm 0.3$		projection 	COPY	title 3ACP+16S+2P VERTICAL PF RECEPT	product family PwrBlade
A						$.XXX \pm .005 / 0.XX \pm 0.13$					
						$.XXXX \pm .0020 / 0.XXX \pm 0.051$					
				angles		$0^\circ \pm 2^\circ$		INCH/MM scale 1:1	A	size 51940-141	code 213
				dr	JM Guo	04/29/05					
				enr	SLUO	04/29/05					
				chr	VICTOR LIN	04/29/05		sheet 2 of 4	cage code 22526	status Released	printed Dec 20, 2010
				appd	JOSEPH HSIA	04/29/05					
sheet index	revision sheet										

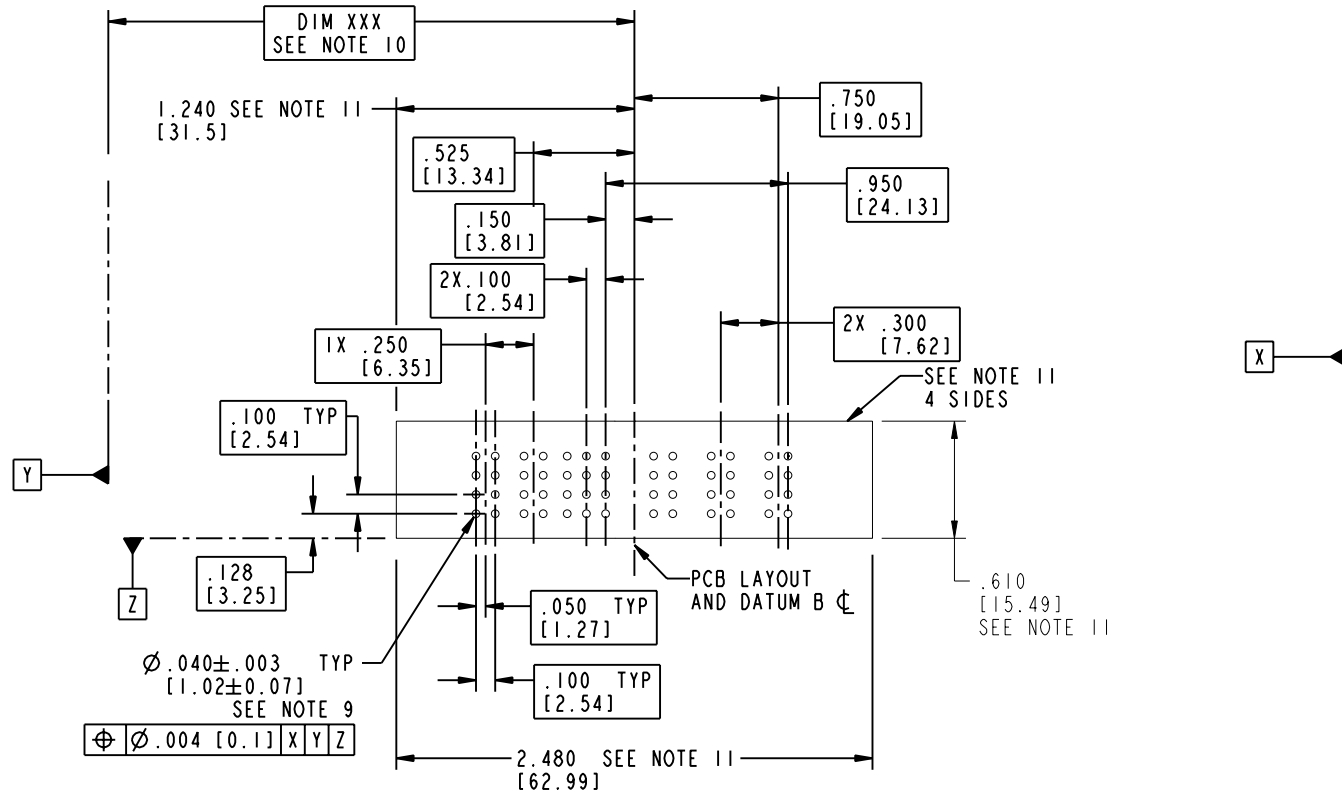
Pro/E

PDM: Rev:A

STATUS: Released

Printed: Dec 20, 2010

PRODUCT NUMBER
51940-141..
Note:③



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com					
ltr		ecn no.		dr		date		COPY		projection INCH/MM scale 1:1					
A								linear						title	
								.XX±.01/0.X±0.3						3ACP+16S+2P	
										.XXX±.005/0.XX±0.13		VERTICAL PF RECEPT			
										.XXXX±.0020/0.XXX±0.051					
										angles					
										0°±2°					
										dr		JM Guo 04/29/05			
										engr		SLUO 04/29/05			
										chr		VICTOR LIN 04/29/05			
										appd		JOSEPH HSIA 04/29/05			
sheet index		revision sheet										code	213		
												sheet	3 of 4		

Pro/E

cage code **22526**

PDM: Rev:A

STATUS: Released

Printed: Dec 20, 2010

PRODUCT NUMBER
51940-141..
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:
51940-141 Singal 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.
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.
51940-141LF Singal 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.
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 51940-141LF 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:

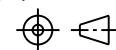
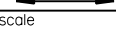
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

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					3ACP+16S+2P	
					.XXX±.0020/0.XXX±0.051					VERTICAL PF RECEPT	
				angles	0°±2°						
				dr	JM Guo	04/29/05	INCH/MM		product family	PwrBlade	code
				enrg	SLUO	04/29/05			size	dwg no	213
				chr	VICTOR LIN	04/29/05	scale		A	51940-141	sheet
				appd	JOSEPH HSIA	04/29/05	1:1				4 of 4
sheet index	revision sheet										

Pro/E

cage code **22526**

PDM: Rev:A

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