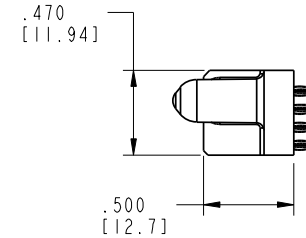
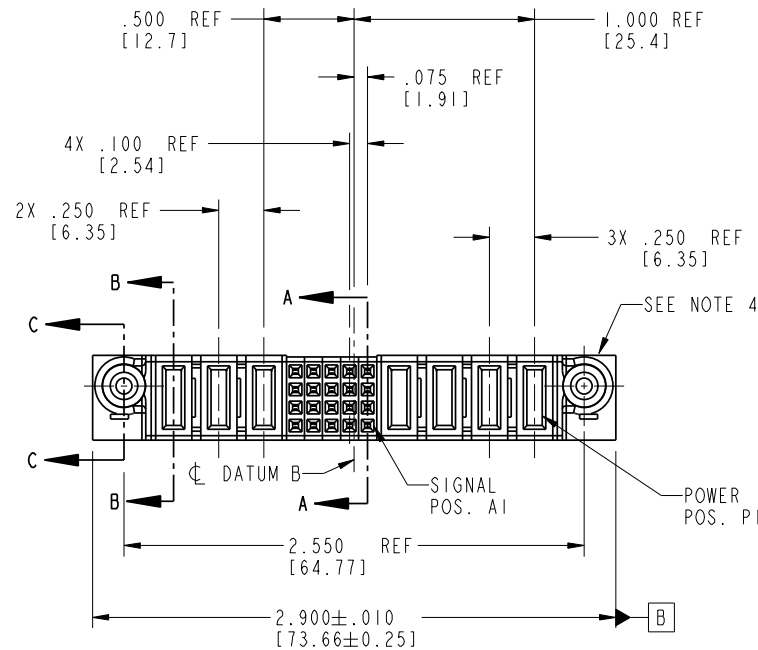


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PRODUCT NO.	ROWS	POWER				SIGNAL				POWER					
		E2	P7	P6	P5	5	4	3	2	1	P4	P3	P2	P1	E1
51750-018-- NOTE (3)	D C B A														



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

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
lir	ecr no.	dr	date	linear	linear	linear	linear	COPY	projection	title	code
A	V11569	JRW	5/22/01		.XX±.01/0.X±0.3	.XXX±.005/0.XX±0.13	.XXX±.002/0.XXX±0.051			4P + 20S + 3P	
B	DG05-0425	Ryan	11/1/05							VERTICAL PRESSFIT RECEPT	
				angles	0°±2°					product family	PwrBlade
				dr	Ryan.Yuan	11/1/05				size	213
				enrg	Sally.Luo	11/1/05				dwg no	51750-018
				chr	VICTOR LIN	11/1/05				scale	1 of 4
				appd	JOSEPH HSIA	11/1/05					
sheet index	revision	B	B	B	B						
	sheet	1	2	3	4						

Pro/E

cage code 22526

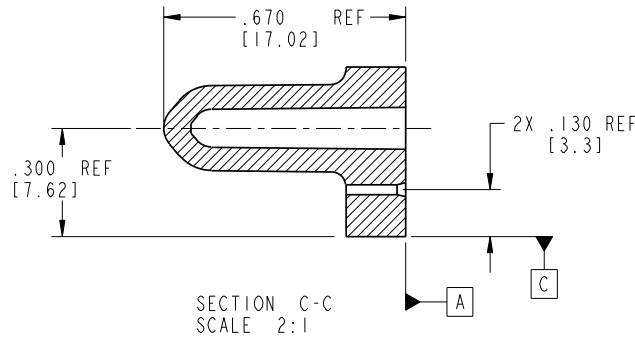
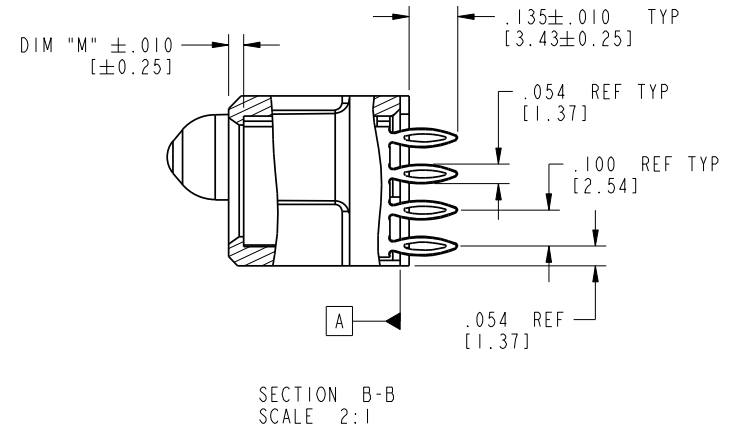
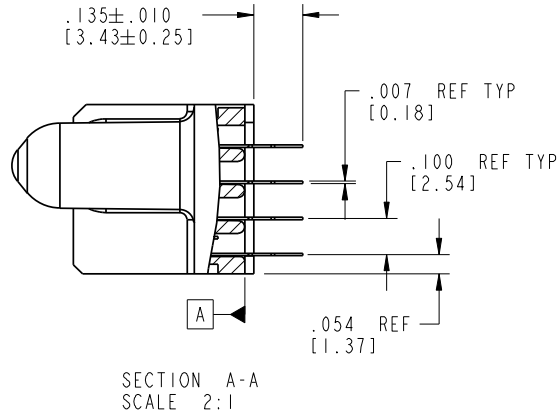
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PRODUCT NUMBER

51750-018--
NOTE (3)



mat'l code				tolerances unless otherwise specified		CUSTOMER	
lir	ecn no.	dr	date	linear	XX±.01/0.X±0.3	COPY	A FCI www.fciconnect.com
B				linear	.XXX±.005/0.XX±0.13	projection	title 4P + 20S + 3P
				linear	.XXX±.002/0.XXX±0.051		VERTICAL PRESSFIT RECEPT
				angles	0°±2°	INCH/MM	product family PwrBlade
				dr	Ryan.Yuan 11/1/05	scale 1:1	code 213
				enrg	Sally.Luo 11/1/05		size 51750-018
				chr	VICTOR LIN 11/1/05		sheet 2 of 4
				appd	JOSEPH HSIA 11/1/05		
sheet index	revision sheet						

Pro/E

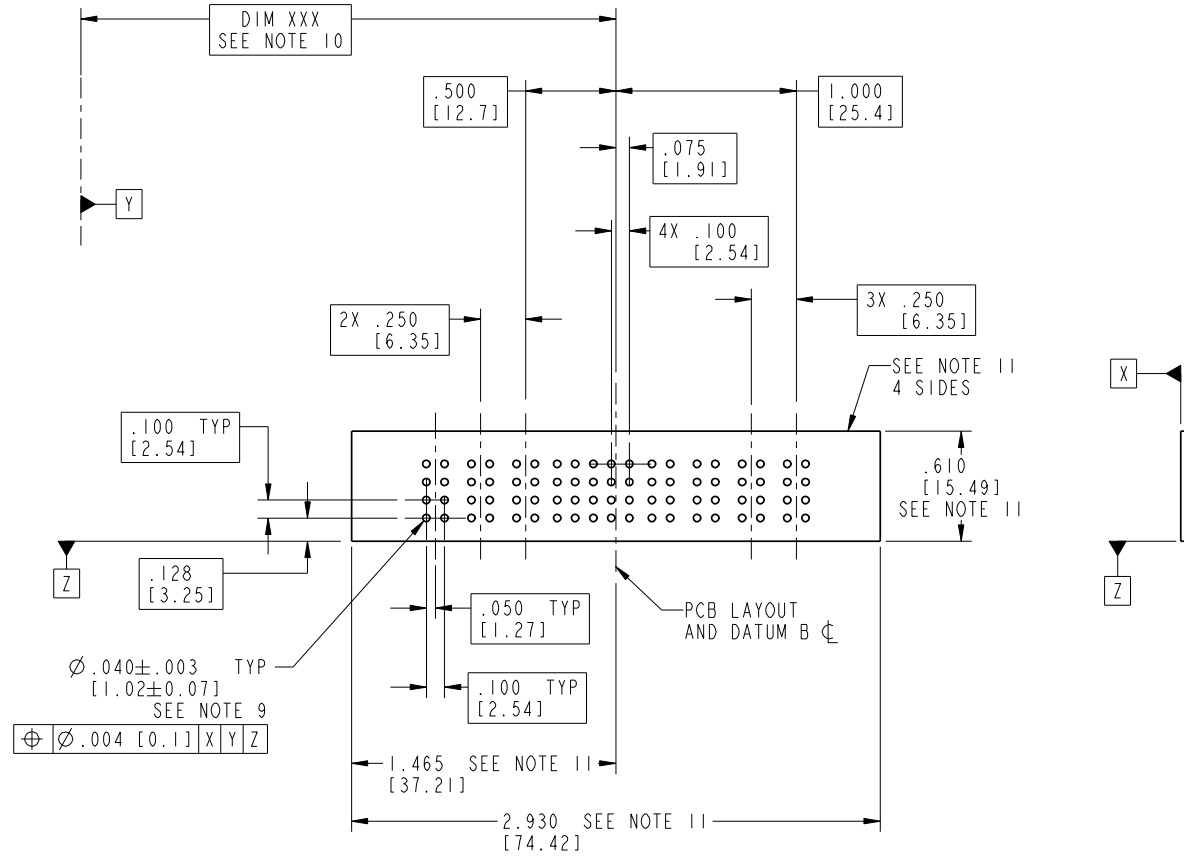
code code 22526

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PRODUCT NUMBER
51750-018--
NOTE (3)



mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI	
lir	ecn no.	dr	date	linear	angular	COPY	projection	title	www.fciconnect.com
B								4P + 20S + 3P	
								VERTICAL PRESSFIT RECEPT	
								product family	PwrBlade
								size	213
								dwg no	51750-018
								sheet	3 of 4
sheet index	revision	sheet							

Pro/E

code code 22526

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PRODUCT NUMBER

51750-018--
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:

51750-018: SIGNAL PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA
AND 100u"/2.54um SnPb OVER 50u"/1.27um Ni ON THE TERMINATION AREA
POWER PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA
AND 100u"/2.54um SnPb OVER 50u"/1.27um Ni ON THE TERMINATION AREA

51750-018LF: SIGNAL PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA
AND 78u"/2.00um Sn OVER 50u"/1.27um Ni ON THE TERMINATION AREA
POWER PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA
AND 78u"/2.00um Sn OVER 50u"/1.27um Ni ON THE TERMINATION AREA

PART NUMBER 51750-018LF 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	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY			title	
B					.XXX±.005/0.XX±0.13		projection			4P + 20S + 3P	
					.XXXX±.0020/0.XXX±0.051					VERTICAL PRESSFIT RECEPT	
				angles	0°±2°				INCH/MM scale 1:1	product family	
				dr	Ryan.Yuan	11/1/05	PwrBlade			code	
				engr	Sally.Luo	11/1/05	213			sheet	
				chr	VICTOR LIN	11/1/05	51750-018			4 of 4	
				appd	JOSEPH HSIA	11/1/05					
sheet index		revision sheet									

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B

1 | 2

Pro/E

3 |

cage code 22526

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