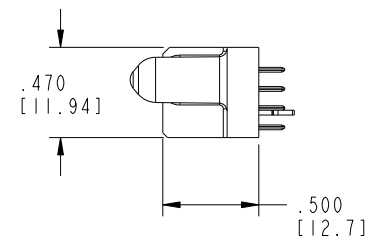
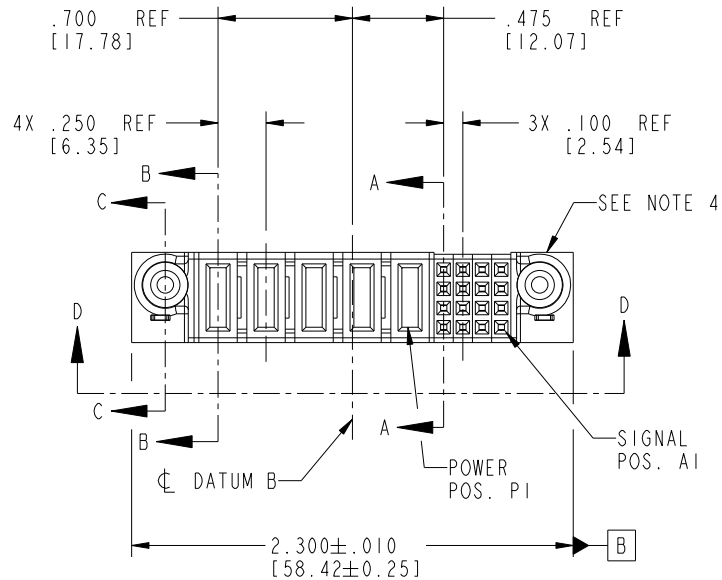


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PRODUCT NO. 51751-005 NOTE: ③	ROWS DCBA	POWER					SIGNAL				E1	
		E2	P5	P4	P3	P2	P1	4	3	2		1



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	N/A [N/A]	SIGNAL
PA	.042 [1.07]	POWER
PD	.092 [2.34]	POWER
HA	N/A [N/A]	HOLD-DOWN

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 16S + 5P VERTICAL SOLDER RECEPTACLE		
A	V20636	JWS	04-01-02		.XXX±.005/0.XX±0.13		projection				
B	DG05-0192	SJ	06/24/05	angles	.XXX±.0020/0.XXX±0.051		 INCH/MM		product family PwrBlade code 213		
C	DG06-0381	HEAVEN	09/12/06		0°±2°		scale 1:1		size dwg no A 51751-005 sheet 1 of 4		
D	DG08-0251	W D	09/13/08	dr	J. SHAFFER	04-01-02					
				enrg	J. ALLISON	04-01-02					
				chr	J. ALLISON	04-01-02					
				appd	J. ALLISON	04-01-02					
sheet index	revision sheet	D 1	D 2	D 3	D 4						

Pro/E

PDM: Rev: D

STATUS: Released

Printed: Sep 20, 2008

cage code 22536

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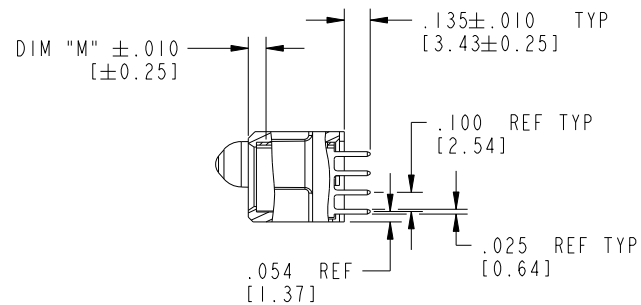
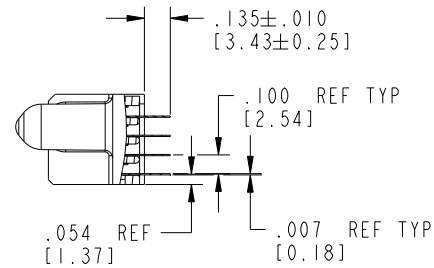
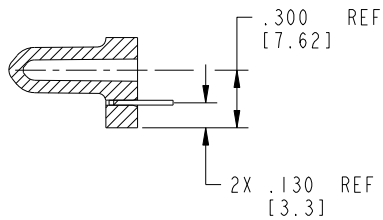
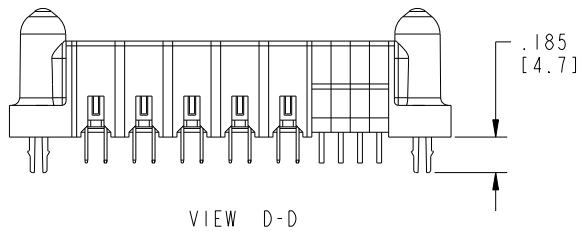
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PRODUCT NUMBER

51751-005--

NOTE: ③



mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	www.fciconnect.com		
D					.XXY±.005/0.XX±0.13	INCH/MM	title 16S + 5P		
				angles	.XXX±.002/0.XXX±0.051	scale	VERTICAL SOLDER RECEPTACLE		
				dr	0°±2°	1:1	product family PwrBlade		code
				engr	J. SHAFFER 04-01-02		size	dwg no	213
				chr	J. ALLISON 04-01-02		A 51751-005		sheet
				appd	J. ALLISON 04-01-02				2
sheet index	revision sheet								

Pro/E

PDM: Rev: D

STATUS: Released

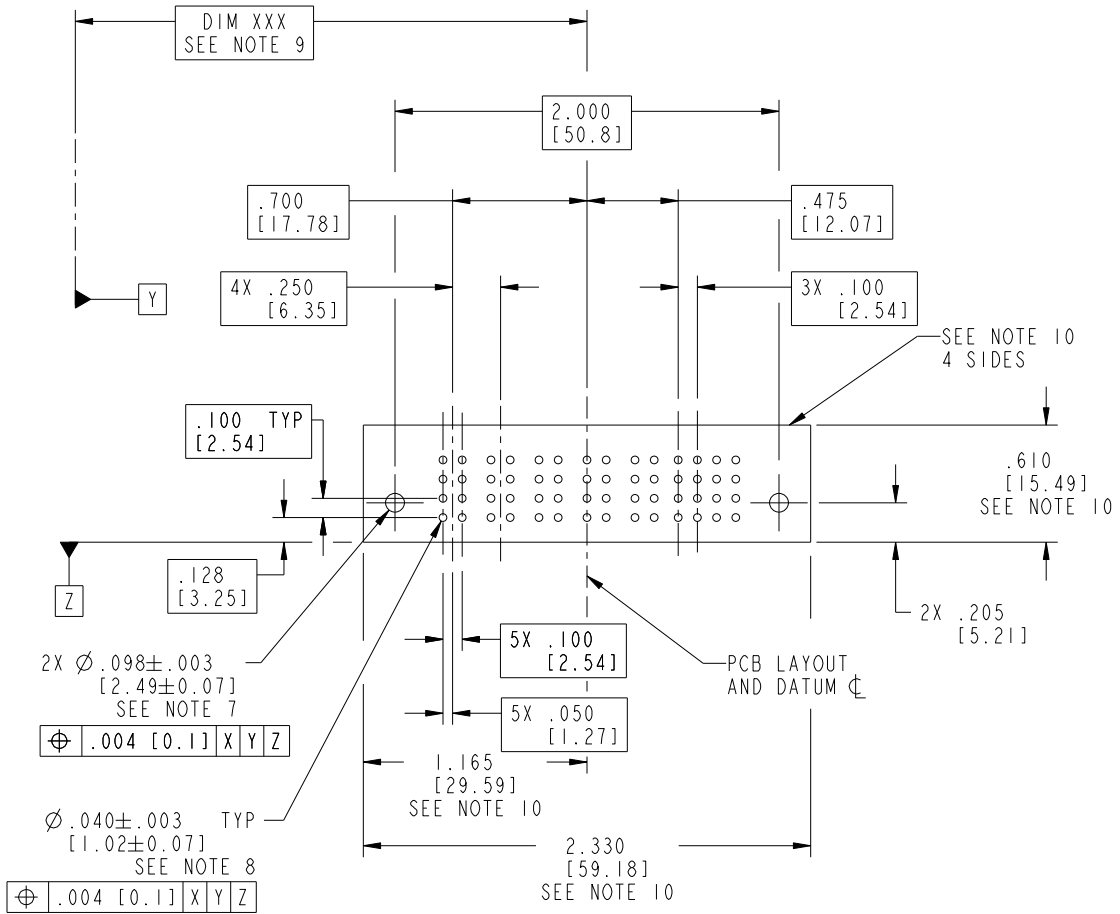
Printed: Sep 20, 2008

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PRODUCT NUMBER  
51751-005--  
NOTE: ③



RECOMMENDED PCB LAYOUT

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
D				angles	.XXX±.005/0.XX±0.13 .XXX±.0020/0.XXX±0.051	projection		title 16S + 5P VERTICAL SOLDER RECEPTACLE	
				dr	J. SHAFFER 04-01-02	INCH/MM		product family PwrBlade code 213	
				enrg	J. ALLISON 04-01-02	scale 1:1		size dwg no 51751-005 sheet 3	
				chr	J. ALLISON 04-01-02				
				appd	J. ALLISON 04-01-02				
sheet index	revision sheet								

cage code 22526

Pro/E

PDM: Rev: D

STATUS: Released

Printed: Sep 20, 2008



PRODUCT NUMBER  
51751-005--  
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 SEE ITEM 5 & 6 IN PRINT 10064183 FOR PLATING SPEC OF 51751-005 AND 51751-005LF 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.

PCB - NOTES:

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

⑦ MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

⑧  $\varnothing .0453 \pm 0.0010$  [ $1.151 \pm 0.025$ ] DRILLED HOLES PLATED WITH  $0.0003$  [ $0.008$ ] MIN SnPb OR Sn OVER  $.001$  [ $0.03$ ] TO  $.003$  [ $0.08$ ] Cu PLATING TO ACHIEVE  $\varnothing .040 \pm .003$  [ $1.02 \pm .07$ ] HOLE.

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

10. CONNECTOR KEEP-OUT ZONE.

11. ⓓ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

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		title		16S + 5P	
D				projection	.XXY±.005/0.XX±0.13	⊕		VERTICAL SOLDER RECEPTACLE		code	
				angles	.XXX±.0020/0.XXX±0.051	INCH/MM		product family		213	
				dr	0° ± 2°	1:1		PwrBlade		sheet	
				enrg	J. SHAFFER 04-01-02			size		4	
				chr	J. ALLISON 04-01-02			A		51751-005	
				appd	J. ALLISON 04-01-02						
sheet index	revision sheet										