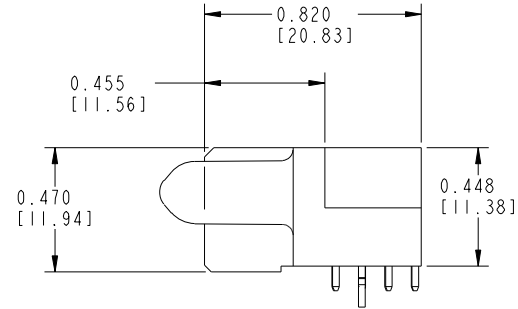
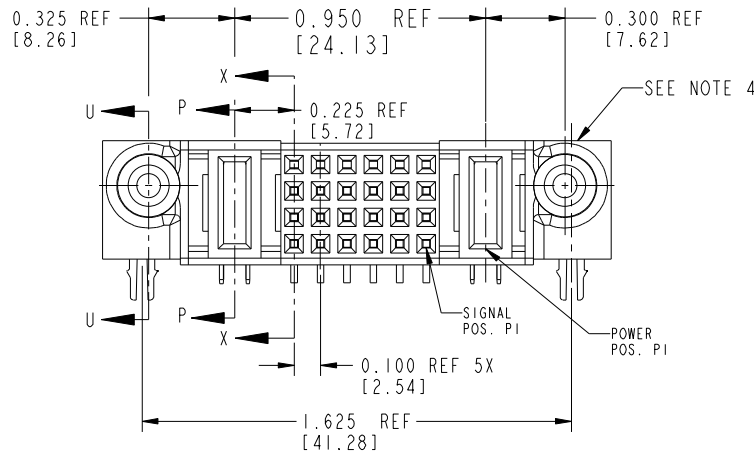
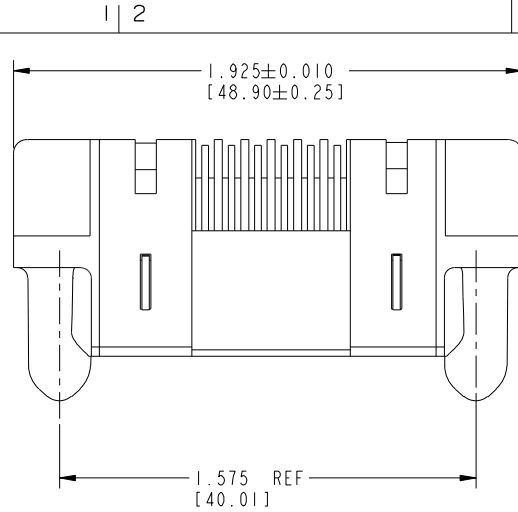


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PRODUCT NUMBER  
51416-00X---  
NOTE ③



mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	.XX ± .01 / .X ± .3	COPY		www.fciconnect.com		title	
A	V90563	CHB	02-18-99		.XXX ± .005 / .XX ± .13	projection		IP + 24S + IP		RIGHT ANGLE SOLDER RECEPT	
B	V90919	SAR	04-14-99	angles	.XXX ± .0020 / .XXX ± .051	INCH/MM		product family		code	
C	V94029	CHB	10-08-99		0° ± 2°	scale		PwrBlade		213	
D	V01376	EKK	06-08-00	dr	LEVEL 4	01-12-99		size		sheet	
E	DG05-0049	SW	03-17-05	enrg	J. BROWN	01-12-99		dwg no		1 of 5	
F	DG05-0230	LH	07-19-05	chr	J. BROWN	01-12-99		51416			
G	DG08-0239	JC	09/12/08	appd	J. BROWN	01-12-99		A			
sheet index	revision sheet	G	G	G	G	G	G	cage code		22526	
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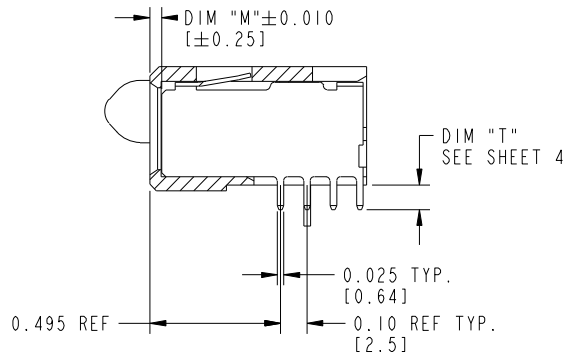
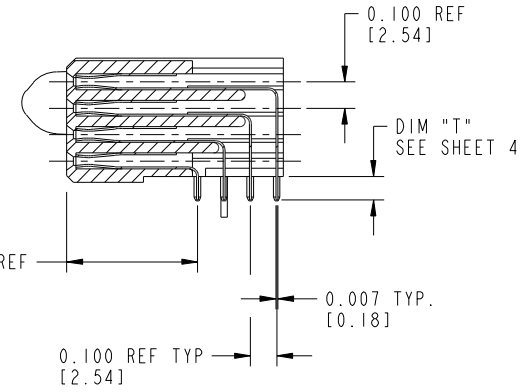
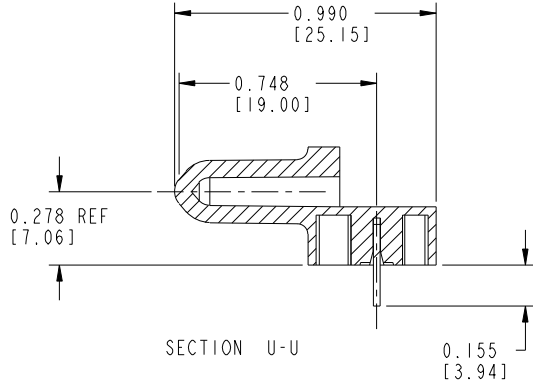
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PRODUCT NUMBER  
51416-00X  
NOTE (3)



mat'l code		SEE NOTES		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX ± .01 / .X ± .3	COPY		title	
G				linear	.XXX ± .005 / .XX ± .13	projection		IP + 24S + IP RIGHT ANGLE SOLDER RECEPT	
				angles	.XXX ± .0020 / .XXX ± .051	 INCH/MM		product family	
				dr	0° ± 2°	scale		PwrBlade	
				enr	LEVEL 4 01-12-99	3:2		code	
				chr	J. BROWN 01-12-99	A		213	
				appd	J. BROWN 01-12-99	51416-001		sheet	
sheet index		revision sheet						2	

cage code 22526

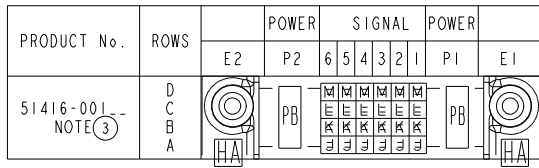
Pro/E



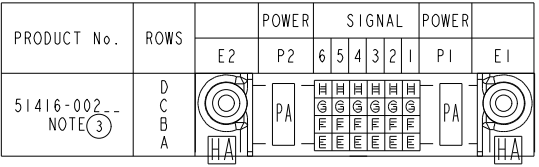
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ITEM NO.	QTY	DIM "M" MATING LENGTH ±.010		DIM "T" TAIL LENGTH +.005-[.13]-.010 [.25]		CONTACT TYPE
PB	2	0.042	[1.07]	0.090	[2.29]	POWER
J	6	N/A	[N/A]	0.090	[2.29]	SIGNAL
K	6	N/A	[N/A]	0.090	[2.29]	SIGNAL
L	6	N/A	[N/A]	0.090	[2.29]	SIGNAL
M	6	N/A	[N/A]	0.090	[2.29]	SIGNAL
HA	2	N/A	[N/A]	N/A	[N/A]	HOLD-DOWN



ITEM NO.	QTY	DIM "M" MATING LENGTH ±.010 [.25]		DIM "T" TAIL LENGTH ±.010 [.25]		CONTACT TYPE
PA	2	0.042	[1.07]	0.135	[3.43]	POWER
E	6	N/A	[N/A]	0.135	[3.43]	SIGNAL
F	6	N/A	[N/A]	0.135	[3.43]	SIGNAL
G	6	N/A	[N/A]	0.135	[3.43]	SIGNAL
H	6	N/A	[N/A]	0.135	[3.43]	SIGNAL
HA	2	N/A	[N/A]	N/A	[N/A]	HOLD-DOWN



mat'l code		SEE NOTES		tolerances unless otherwise specified		CUSTOMER COPY		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX ±.01/.X ±.3	projection		title IP + 24S + IP RIGHT ANGLE SOLDER RECEPT	
G				angles	.XXX ±.005/.XX ±.13 .XXXX ±.0020/.XXX ±.051			product family	PwrBlade
				dr	0° ± 2°	INCH/MM	size	dwg no	213
				enr	LEVEL 4 01-12-99	scale	A	51416	sheet
				chr	J. BROWN 01-12-99	1:1			4
				appd	J. BROWN 01-12-99				
sheet index	revision sheet								

cage code 22526

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PRODUCT NUMBER  
51416-00X  
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(51416-00X STAND FOR 51416-001 AND 51416-002)

△ SEE ITEM 5 & 6 IN PRINT 10064183 FOR PLATING SPEC OF 51416-00X AND 51416-00XLF 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  $.0003$  [ $0.008$ ] MIN SnPb OVER  $.001$  [ $0.03$ ] TO  $.003$  [ $0.08$ ] Cu PLATING TO ACHIEVE  $\varnothing .040 \pm .003$  [ $1.02 \pm .07$ ] HOLE.
- 9. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
- 10. CONNECTOR KEEP-OUT ZONE.
- 11. A △ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

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ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
ⓐ				linear	.XXX±.005/0.XX±0.13	projection	title IP + 24S + IP		
				angles	.XXX±.0020/0.XXX±0.051		RIGHT ANGLE SOLDER RECEPT		
				dr	0°±2°	INCH/MM	product family	PwrBlade	code
				enrg	LEVEL 4 01-12-99	scale	size	dwg no	213
				chr	J. BROWN 01-12-99	3:2	A	51416	sheet
				appd	J. BROWN 01-12-99				5
sheet index	revision sheet								

cage code 22526

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1 | 2

3 |

4

1 | 2

3 |

4