

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

Technical drawing of a mechanical part with dimensions: 23.62, 14.58, 12.57, and 4.06.

mat'l code				SEE NOTE				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com			
lfr		ecn no.		dr		date		linear		0.X ± 0.5		COPY		title 40S + 5ACP RIGHT ANGLE SOLDER HEADER					
A		DG09-0305		JW		09/16/09				0.XX ± 0.25		projection							
										0.XXX ± 0.1									
								angles		0° ± 2°		MM 		product family PwrBlade					
								dr		JULIA WANG 09/11/09									
								engr		JULIA WANG 09/11/09									
										chr		PM ZHENG 09/11/09		size		dwg no		code 213	
										appd		JOSEPH HSIA 09/11/09		A		51939-474			
sheet index		revision sheet		A 1		A 2		A 3		A 4									

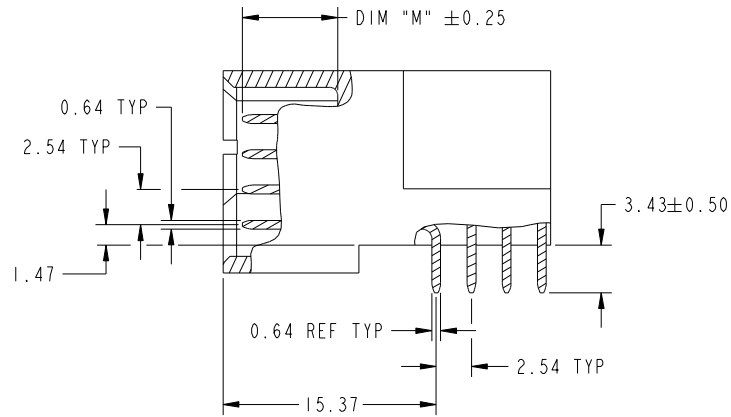
cage code	22526
-----------	-------

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.

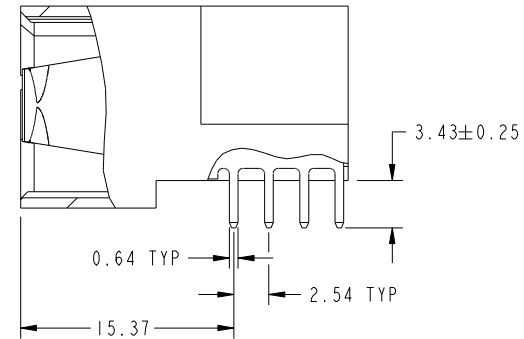


All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

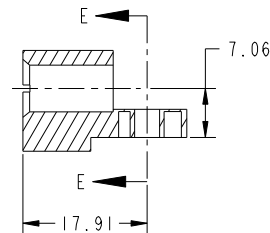
PRODUCT NUMBER
51939-474-
NOTE: 3



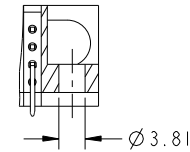
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
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	
A						angles	0.XX ±0.25	projection		title 40S + 5ACP	
						dr	0.XXX ±0.1			RIGHT ANGLE SOLDER HEADER	
						enr	0° ±2°			product family PwrBlade	
						chr	JULIA WANG 09/11/09			code 213	
						appd	JULIA WANG 09/11/09			size dwg no	
							PM ZHENG 09/11/09			A 51939-474	
							JOSEPH HSIA 09/11/09			sheet 2 of 4	
sheet index	revision sheet							scale 1:1		cage code 22526	

Pro/E

3

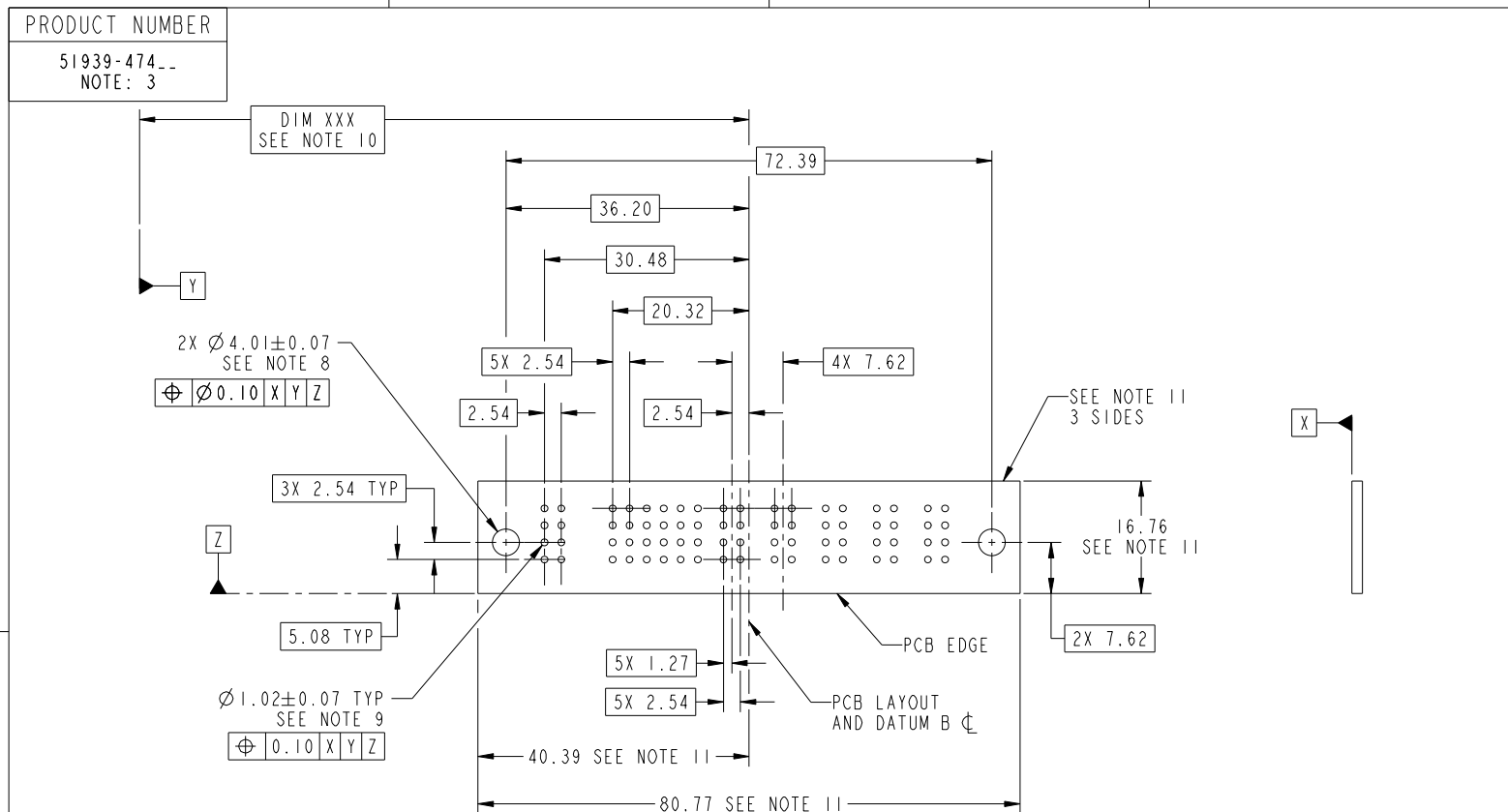
cage code 22526

4

Tous droits strictement réservés. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.



RECOMMENDED PCB LAYOUT

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	
A						angles	0.XX ± 0.25	projection		title	40S + 5ACP
							0.XXX ± 0.1			RIGHT ANGLE SOLDER HEADER	
							0° ± 2°			product family	PwrBlade
						dr	JULIA WANG 09/11/09			code	213
						enr	JULIA WANG 09/11/09			size	dwg no
						chr	PM ZHENG 09/11/09			A	51939-474
						appd	JOSEPH HSIA 09/11/09			scale	1:1
sheet index	revision sheet									cage code	22526

Pro/E

3

cage code 22526

4

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NUMBER
51939-474-- 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 1 & 2 IN PRINT 10064183 FOR PLATING SPEC. OF 51939-474; 51939-474LF 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
 $\varnothing 1.02 \pm 0.07$ HOLE.
10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
11. CONNECTOR KEEP-OUT ZONE.

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER			
litr	ecn no.	dr	date	linear	0.X ± 0.5		COPY		www.fciconnect.com		
A					0.XX ± 0.25		projection		title		
					0.XXX ± 0.1				40S + 5ACP		
				angles	0° ± 2°				RIGHT ANGLE SOLDER HEADER		
				dr	JULIA WANG	09/11/09		product family		PwrBlade	code
				enrg	JULIA WANG	09/11/09		size	dwg no	213	
				chr	PM ZHENG	09/11/09		scale	51939-474		sheet
				appd	JOSEPH HSIA	09/11/09	1:1	A			4 of
sheet index	revision sheet										

cage code 22526