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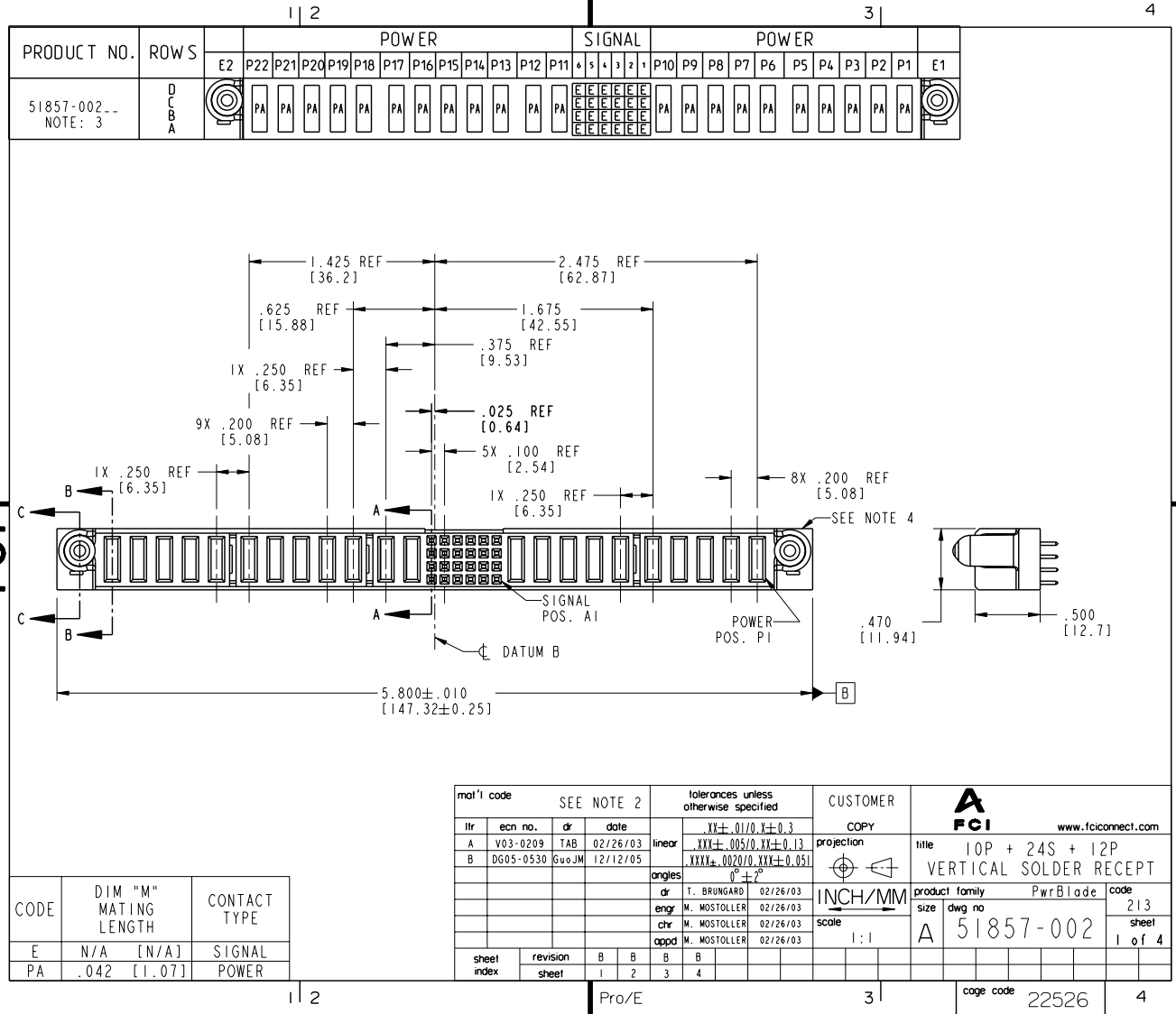
[FCI](#)
[51857-002](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

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PDM: Rev:B

STATUS:Released

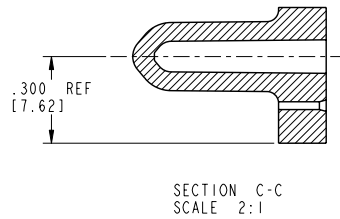
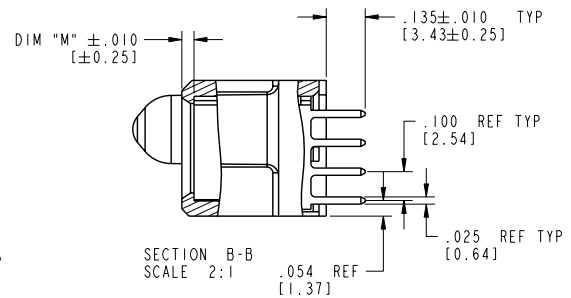
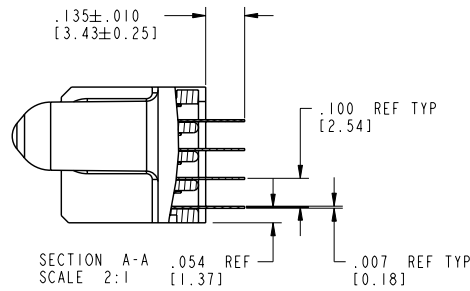
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PRODUCT NUMBER
51857-002--
NOTE: 3



mat'l code				tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com	
itr	ecn no.	dr	date	linear	XX±.01/0.X±0.3	COPY			
B				linear	.XXX±.005/0.XX±0.13	projection		title	10P + 24S + 12P
				angles	.XXX±.002/0.XX±0.051			VERTICAL SOLDER RECEPT	
				dr	T. BRUNGARD 02/26/03	INCH/MM		product family	PwrBlade
				engr	M. MOSTOLLER 02/26/03	scale		size	213
				chr	M. MOSTOLLER 02/26/03	1:1		dwg no	51857-002
				appd	M. MOSTOLLER 02/26/03			code	213
sheet index	revision sheet							sheet	2 of 4

Pro/E

cage code 22526

PDM: Rev:B

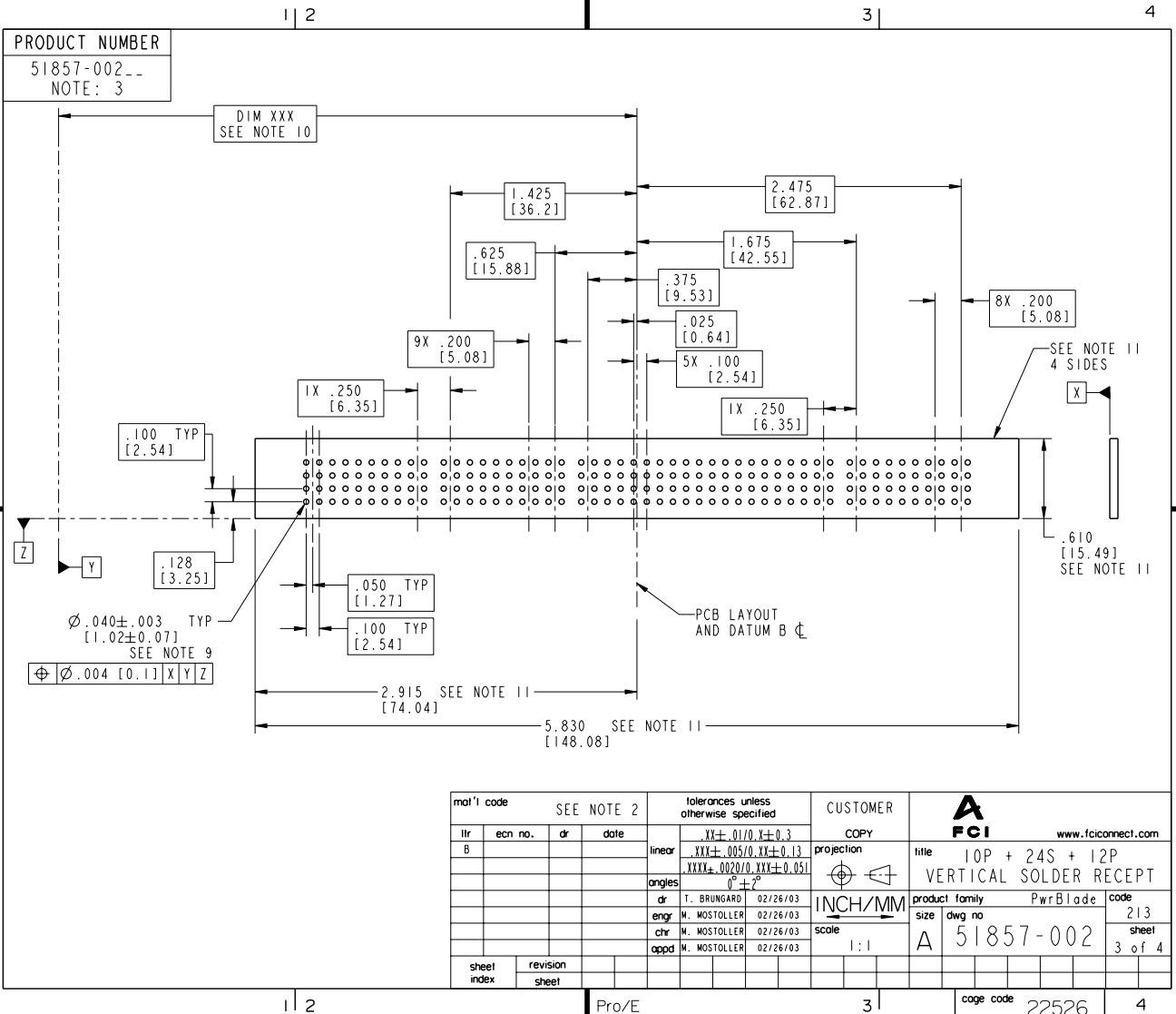
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PRODUCT NUMBER
51857-002--
NOTE: 3

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:

51857-002 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.

51857-002LF 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 51857-002LF 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 Ø.0453±.0010 [1.151±0.025] DRILLED HOLES PLATED WITH .0003 [0.008] MIN SnPb OVER .001 [0.03] TO .003 [0.08] Cu PLATING TO ACHIEVE Ø.040±.003 [1.02±.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		FCI		www.fciconnect.com	
lfr	ecn no.	dr	date			linear	XX±.01/0.X±0.3	COPY		projection	title	product family	code
B							.XXX±.005/0.XX±0.13				10P + 24S + 12P	PwrBlade	213
						angles	.XXX±.002/0.XX±0.051				VERTICAL SOLDER RECEPT		sheet
							0°±2°						4 of 4
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