

4

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DWG. NO. 1250009 SH 1 REV. B

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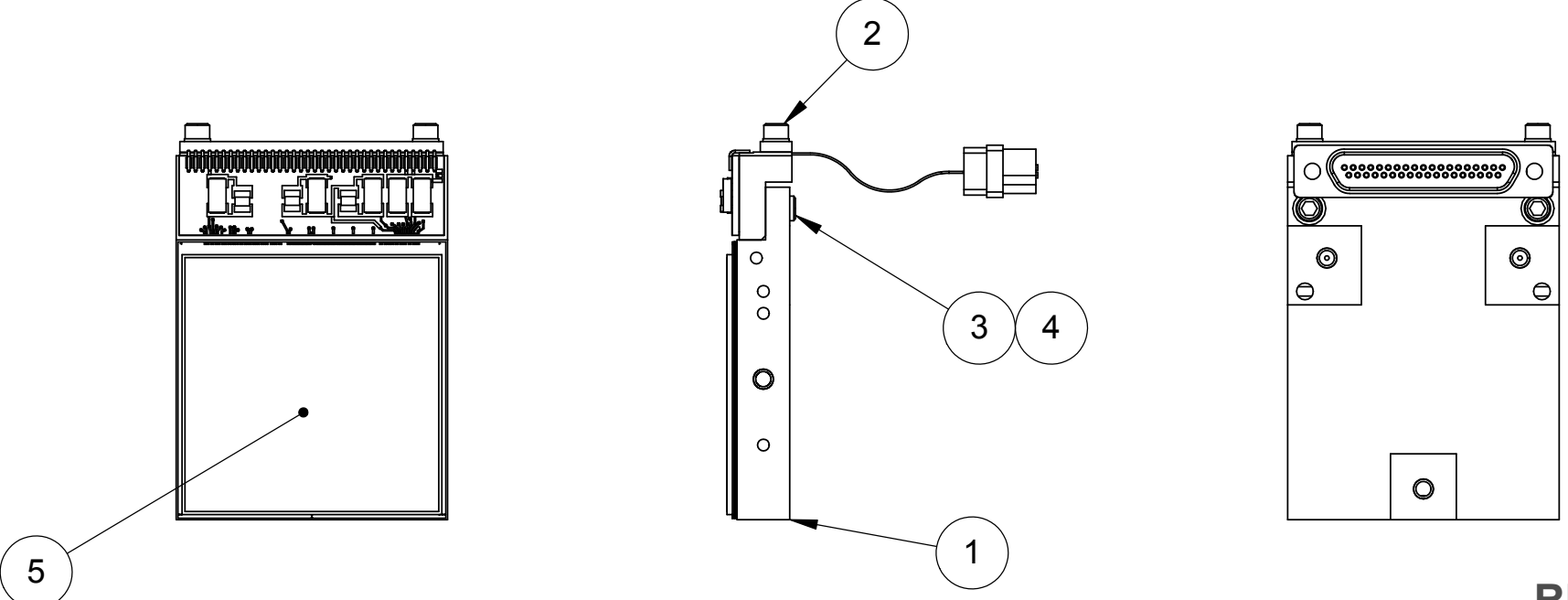
**UNCLASSIFIED**  
**ITAR**

REVISIONS						
ZONE	REV	DESCRIPTION	DATE	DRAWN	CHECK	APPR
	A	INITIAL RELEASE	2004-11-29	DD	DEC	JF
	B	REVISED PER ECR-459	2005-06-21	DA		

THIS DRAWING HAS BEEN GENERATED AND IS MAINTAINED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY.

**NOTES:**

1. APPLICABLE STANDARDS / SPECIFICATIONS  
ASME Y14.100-2000, ENGINEERING DRAWING PRACTICES.  
ASME Y14.5M - 1994, DIMENSIONS AND TOLERANCES.
2. ALL PRINTED COPIES ARE UNCONTROLLED.
3. USE EPOXY ADHESIVE SPC-0004 TO ATTACH SCA (#5) TO MODULE BASE ASSY (#1).
4. USE 1-MIL GOLD WIRE SPC-0002 FOR WIREBONDING.
5. ELECTROSTATIC DISCHARGE CONTROL (ESD) PROGRAM FOR PROTECTION OF ELECTRICAL AND ELECTRONIC PARTS, ASSEMBLIES AND EQUIPMENT SHALL BE IN ACCORDANCE WITH QAP-0043 AND ANSI/ESD S20.20.



**RELEASED**  
Date 07/11/05

QTY -02 MWIR	QTY -01 SWIR	CAGE CODE	PART NUMBER	DESCRIPTION	Material	FIND NO.
1	-	2D609	1200011-02	SCA, HYBRID, MWIR		5
-	1	2D609	1200011-01	SCA, HYBRID, SWIR		5
2	2	TBD	NAS620C2	WASHER, FLAT, RED O.D., ID0.089, OD0.149, THK 0.016	CRES	4
2	2	TBD	NAS1351N02LL3S	SOCKET HD CAP SCREW, .086-64 UNF, 0.188 LONG		3
1	1	13993	2211193-500	PWB & FLEX CABLE MOUNT ASSY		2
1	1	13993	2207379-500	MODULE BASE ASSY, SCA	MOLYBDENUM	1

DISTRIBUTION AUTHORIZED IN ACCORDANCE WITH PROPRIETARY AGREEMENT.

**CAUTION**  
CONTAINS PARTS AND ASSEMBLIES SUSCEPTIBLE TO DAMAGE BY ELECTROSTATIC DISCHARGE (ESD)

-	-	B	B	B	REVISION	REV STATUS OF SHEETS
5	4	3	2	1	SHEET	

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**ITAR**

**UNCLASSIFIED**

--	JWST-NIRSPEC	
--	JWST-NIRCAM	
NEXT ASSY	USED ON	
APPLICATION		

**INCH**

THIRD ANGLE PROJECTION

3D CAD FILENAME: 1250009.SLDASM  
2D CAD FILENAME: 1250009.SLDDRW

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

**TOLERANCES ARE:**

FRACTIONS	DECIMALS	ANGLES
±	.XX ±0.10 ±5	±5
	XXX ±.005	

DO NOT SCALE DRAWING

TREATMENT --

FINISH --

SIMILAR TO --

SPECIAL MARKING SYM --

CONTRACT NO. 73209	
APPROVALS	DATE
DRAWN D DOWTHWAITE	2004-11-30
CHECKED D COOPER	2004-12-01
PROJECT ENGR. J GARNETT	2004-12-01
PROGRAM MGR J GARNETT	2004-12-01
QUALITY D PAULSON	2004-11-30

**Rockwell Scientific**

1049 Camino Dos Rios  
Thousand Oaks, CA. 91360  
Phone 805.373.4545  
Fax 805.373.4775  
www.rockwellscientific.com

**TITLE:** ASSY & WIREBOND DIAGRAM, HYBRID, SCA, 2K X 2K, SWIR/MWIR, JWST

SIZE B	CAGE CODE 2D609	DWG. NO. 1250009	REV. B
SCALE: 1:1	--	CALC.WT --	ACT.WT --

SHEET 1 OF 3

4

3

2

1

4

3

DWG. NO. 1250009 SH 2 REV. B

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ITAR**

REVISION HISTORY						
ZONE	REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED
--	--	REFER TO SHEET 1	--	--	--	--

D

D

C

C

B

B

A

A

**RELEASED**  
Date 07/11/05

**EXPLODED ASSEMBLY**

CAUTION  
CONTAINS PARTS AND ASSEMBLIES  
SUSCEPTIBLE TO DAMAGE BY  
ELECTROSTATIC DISCHARGE (ESD)

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**ITAR  
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THIRD ANGLE PROJECTION	DRAWN D DOWTHWAITE
	CHECKED D COOPER
	PROJECT ENGR. J. GARNETT
	QUALITY D PAULSON

SIZE <b>B</b>	CAGE CODE <b>2D609</b>	DWG. NO. <b>1250009</b>	REV. <b>B</b>
SCALE: 1:1	--	SHEET 2 OF 3	

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2

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RSC FORM QF-0061 R1

4

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DWG. NO.

1250009

SH  
3REV.  
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**UNCLASSIFIED****REVISION HISTORY**

ZONE	REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED
--	--	REFER TO SHEET 1	--	--	--	--

D

D

C

C

B

B

A

A

DETAIL A  
SCALE 10 : 1

DETAIL B  
SCALE 10 : 1

**UNCLASSIFIED****RELEASED**Date **07/11/05****WIREBOND DIAGRAM**

CAUTION  
CONTAINS PARTS AND ASSEMBLIES  
SUSCEPTIBLE TO DAMAGE BY  
ELECTROSTATIC DISCHARGE (ESD)

THIRD ANGLE PROJECTION	DRAWN D DOWTHWAITE	SIZE B	CAGE CODE 2D609	DWG. NO. 1250009	REV. B
	CHECKED D COOPER	SCALE: 1 : 1		SHEET 3 OF 3	
	PROJECT ENGR. J. GARNETT	--		RSC FORM QF-0061 R1	
	QUALITY D PAULSON				

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2

1

RSC FORM QF-0061 R1