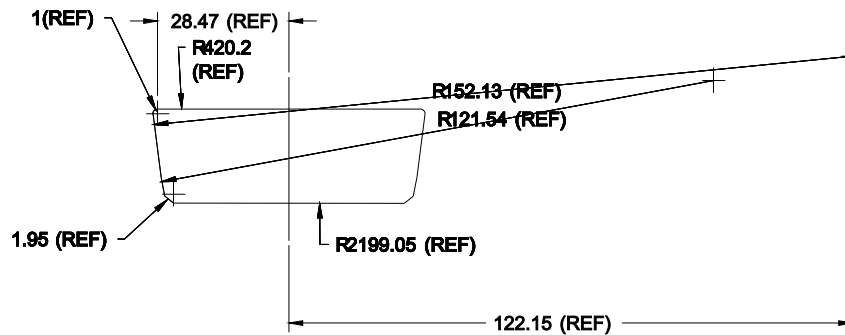


A		ECN- XXX	XXX	XXX	XXX
REV		ECN	CHANGES		DATE

<p>DIMENSIONS ARE IN: mm</p> <p>UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:</p> <p>LINEAR: ± NA</p> <p>ANGULAR: ± NA °</p> <p>SURFACE FINISH NA</p> <p>INTERPRET DIMENSIONS AND TOLERANCES AS PER ANSI Y14.5M-1994</p>		<p>A</p> <p>DWG SIZE</p> <p>3rd ANGLE PROJECTION</p> <p>APPROVALS</p> <table border="1"> <thead> <tr> <th></th> <th>NAME</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DESIGNED BY</td> <td>JAH</td> <td>02-04-99</td> </tr> <tr> <td>DRAWN BY</td> <td>JAH</td> <td>02-04-99</td> </tr> <tr> <td>CHECKED BY</td> <td>XXX</td> <td>MM-DD-YR</td> </tr> <tr> <td>ENG APPRD</td> <td>XXX</td> <td>MM-DD-YR</td> </tr> <tr> <td>MFG APPRD</td> <td>XXX</td> <td>MM-DD-YR</td> </tr> <tr> <td>SUPERSEDES</td> <td>XXX</td> <td>MM-DD-YR</td> </tr> <tr> <td>SUPSD BY</td> <td>XXX</td> <td>MM-DD-YR</td> </tr> <tr> <td>FILEPATH</td> <td colspan="2">/RIMSERV1/HOME/HOLMES/PROJ_FILES</td> </tr> </tbody> </table>		NAME	DATE	DESIGNED BY	JAH	02-04-99	DRAWN BY	JAH	02-04-99	CHECKED BY	XXX	MM-DD-YR	ENG APPRD	XXX	MM-DD-YR	MFG APPRD	XXX	MM-DD-YR	SUPERSEDES	XXX	MM-DD-YR	SUPSD BY	XXX	MM-DD-YR	FILEPATH	/RIMSERV1/HOME/HOLMES/PROJ_FILES		<p>RIM RESEARCH IN MOTION</p> <p>WATERLOO, ONTARIO CANADA</p> <p>PH: (519) 888-7465, FAX: (519) 888-6906</p> <p>THE CONTENT OF THIS DOCUMENT IS RIM INTELLECTUAL PROPERTY. IT IS CONFIDENTIAL AND IS NOT TO BE DISCLOSED, REPRODUCED OR USED EXCEPT WITH THE WRITTEN PERMISSION OF RIM.</p> <p>COPYRIGHT 1999 RESEARCH IN MOTION LIMITED.</p> <p>PROJECT: AMSC</p> <p>NAME: PAGER LABELS</p> <p>CAD MODEL FILE: FCCASSY</p> <p>SCALE 1:1</p> <p>SHEET 1 OF 1</p> <p>R800D-2-PW_LABEL</p> <p>REV A</p>
	NAME	DATE																												
DESIGNED BY	JAH	02-04-99																												
DRAWN BY	JAH	02-04-99																												
CHECKED BY	XXX	MM-DD-YR																												
ENG APPRD	XXX	MM-DD-YR																												
MFG APPRD	XXX	MM-DD-YR																												
SUPERSEDES	XXX	MM-DD-YR																												
SUPSD BY	XXX	MM-DD-YR																												
FILEPATH	/RIMSERV1/HOME/HOLMES/PROJ_FILES																													

PART NO.	REV	ECN	DESCRIPTION	ARTWORK NO.
MAT-02210-001	1	ECN-00XXX	LABEL - BOTTOM, AMSC	ART-02210-001



PART IS SYMETRICAL ABOUT CENTRELINE

NOTES:

1. MATERIAL: 8B35 SUB-SURFACE PRINTED POLYCARBONATE (LEXAN) FILM
FILM THICKNESS: 10 mil [(0.25mm/.010")]
COLOUR: *TRANSPARENT
2. ADHESIVE: *PERMANENT PRESSURE-SENSITIVE ACRYLIC
THICKNESS: 2 mil [0.05mm (.002")]
LINER: *SILICONE TREATED PAPER OR DENSIFIED KRAFT
3. ARTWORK: OBTAIN FROM RIM TECHNICAL PUBLICATIONS DEPT.
REFERENCE RIM PART NO. ART-02210-XXX, LATEST REVISION
4. *PART TO BE DIE CUT WITH LINER AND SUPPLIED IN ROLL FORM
5. PACKAGING:
ROLL FORM:
*ROLLS TO BE INDIVIDUALLY WRAPPED IN PROTECTIVE PACKAGING
*ROLLS TO DISPLAY RIM PART NUMBER AND NUMBER OF LABELS/ROLL
6. PART TOOLING (DIE) TO BE MANUFACTURED USING GEOMETRY FROM Pro/ENGINEER
FILE SUPPLIED BY RIM MECHANICAL ENGINEERING DEPT.

DIMENSIONS ARE IN: mm



UNLESS OTHERWISE SPECIFIED
TOLERANCES ARE:

LINEAR: ± 0.1

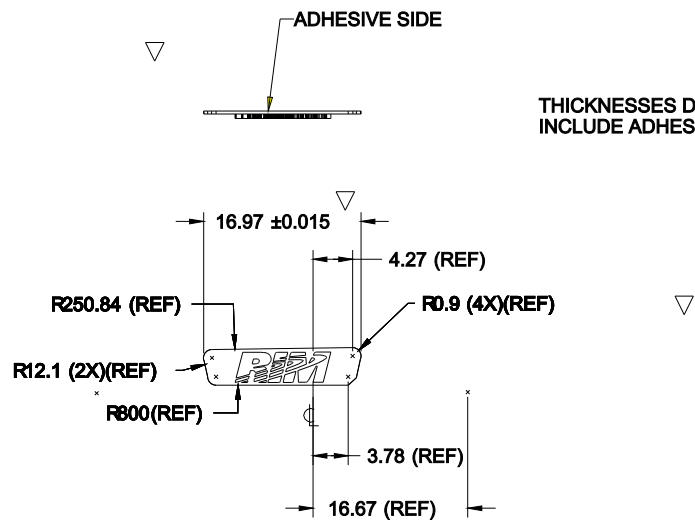
ANGULAR: $\pm 0.5^\circ$

SURFACE FINISH 1.6

INTERPRET DIMENSIONS
AND TOLERANCES AS PER
ANSI Y14.5M-1994

1	ECN- 00XXX	INITIAL RELEASE	PD	MM-DD-YR
REV	ECN	CHANGES	DFTS	DATE
B			RESEARCH IN MOTION WATERLOO, ONTARIO CANADA PH:(519) 888-7465, FAX:(519) 888-8908	
APPROVALS		THE CONTENT OF THIS DOCUMENT IS RIM INTELLECTUAL PROPERTY. IT IS CONFIDENTIAL AND IS NOT TO BE DISCLOSED, REPRODUCED OR USED EXCEPT WITH THE WRITTEN PERMISSION OF RIM.		
NAME		DATE		
DESIGNED BY	P.DULLAERT	01-21-98		
DRAWN BY	P.BMOES	00-24-98		
CHECKED BY	P.BMOES	00-24-98		
ENG APPRD				
MFG APPRD	XXX	MM-DD-YR	CAD MODEL FILE: MAT-02210-001_A_LABEL-BOTTOM_IL	
SUPERSEDES	XXX	MM-DD-YR	SCALE	1:1
SUPD BY	XXX	MM-DD-YR	SHEET	1 OF 1
FILEPATH	/RIMSERV1/CAD/ARCHIVE/LEAPFROG			
PROJECT: LEAPFROG			NAME: LABEL - BOTTOM BLANK	
MAT-02210-001			REV A	

PART NO.	REV	ECN	DESCRIPTION	ARTWORK NO.	REV	ECN
MAT-01978-001	1	ECN-00284	NAMEPLATE - RIM (SATIN CHROME)	ART-01978-001	2	ECN-00347
MAT-01978-002	1	ECN-00347	NAMEPLATE - RIM (SATIN GOLD)	ART-01978-002	1	ECN-00347




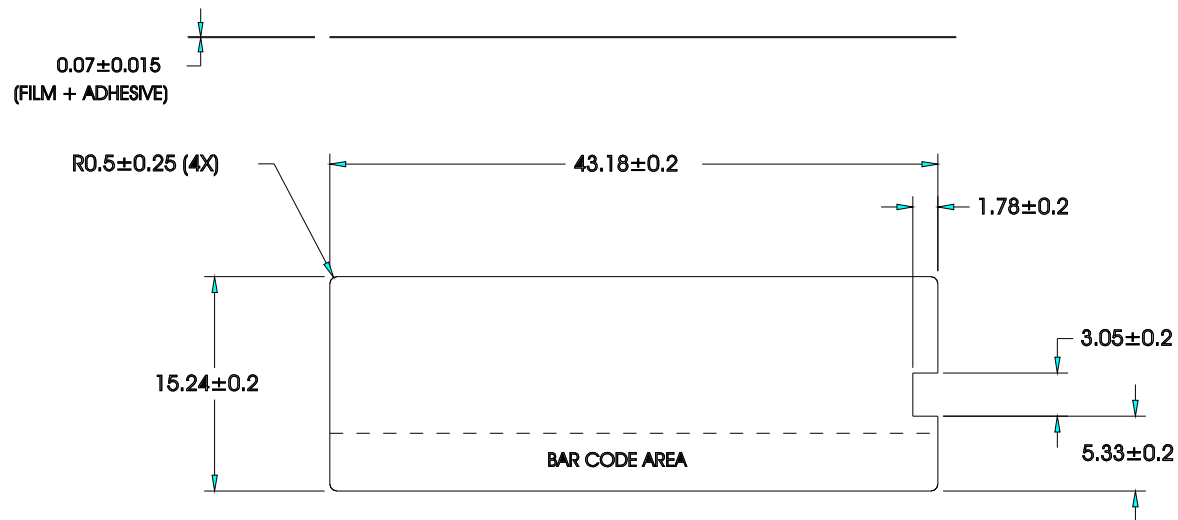
PART IS NOT SYMMETRICAL ABOUT CENTRELINE

NOTES:

1. MATERIAL: ELECTROFORMED COPPER
2. ADHESIVE: *PERMANENT PRESSURE-SENSITIVE ACRYLIC, DOUBLE SIDED : NITTO 500
THICKNESS: 5 mil [0.127mm (.005")]
3. LINER: *SILICONE TREATED PAPER OR DENSIFIED KRAFT
4. ARTWORK: OBTAIN FROM RIM TECHNICAL PUBLICATIONS DEPT.
REFERENCE RIM PART NO. ART-01978-XXX, LATEST REVISION
5. *PART TO BE DIE CUT WITH LINER AND SUPPLIED IN SHEET FORM
6. PACKAGING:
SHEET FORM:
*SHEETS TO BE WRAPPED IN PROTECTIVE PACKAGING, 80/PACK
*PACKS TO DISPLAY RIM PART NUMBER AND NUMBER OF NAMEPLATES/PACK
7. PART TOOLING TO BE MANUFACTURED USING GEOMETRY FROM Pro/ENGINEER
FILE SUPPLIED BY RIM MECHANICAL ENGINEERING DEPT.
7. DIMENSIONS WITH ▽ DENOTE CRITICAL INSPECTION DIMENSIONS

DIMENSIONS ARE IN: mm	
UNLESS OTHERWISE SPECIFIED	
TOLERANCES ARE:	
LINEAR: ±	0.025
ANGULAR: ±	0.5 °
SURFACE FINISH	1.6
INTERPRET DIMENSIONS AND TOLERANCES AS PER ANSI Y14.5M-1994	

2	ECN- 00347	TABLE: ADDED NEW PART, MAT-01978-002	PS	11-17-98
1	ECN- 00284	INITIAL RELEASE	PLD	01-21-98
REV	ECN	CHANGES	DFTS	DATE
B		 RESEARCH IN MOTION WATERLOO, ONTARIO CANADA PH: (519) 889-7465, FAX: (519) 888-9808		
THE CONTENT OF THIS DOCUMENT IS RIM INTELLECTUAL PROPERTY. IT IS CONFIDENTIAL AND IS NOT TO BE DISCLOSED, REPRODUCED OR USED EXCEPT WITH THE WRITTEN PERMISSION OF RIM. COPYRIGHT 1998 RESEARCH IN MOTION LIMITED.		PROJECT: LEAPFROG NAME: NAMEPLATE - RIM		
DESIGNED BY	PDULLABY	DATE	01-21-98	
DRAWN BY	PJSMOES	DATE	11-18-98	
CHECKED BY	PJSMOES	DATE	11-18-98	
ENG APP'D				
MFG APP'D	XXX	MM-DD-YR	MM-DD-YR	
SUPERSEDES	XXX	MM-DD-YR	MM-DD-YR	
SUP'D BY	XXX	MM-DD-YR	MM-DD-YR	
FILED BY	RIMSERV/CAD/ARCHIVE/LEAPFROG			
		CAD MODEL FILE:	MAT-01978-000_2_NAMEPLATE-RIM	
		SCALE	2:1	
		SHEET	1 OF 1	
MAT-01978-000				REV 2



THIS VIEW FILM SIDE UP
ADHESIVE SIDE DOWN

NOTES:

- 1) MATERIAL: 3M 7816 THERMAL-PRINTABLE POLYESTER FILM
FILM THICKNESS: .002"/0.05mm (2 mil FACE STOCK).
- 2) ADHESIVE: PERMANENT PRESSURE-SENSITIVE ACRYLIC.
THICKNESS: 0.7-1.0 mils (.0007-.001"/0.018-0.025mm).
- 3) PRINTING PROCESS: SILK SCREEN ONLY.
- 4) SUPPLY ON ROLL OF RELEASE PAPER. EACH ROLL
TO BE INDIVIDUALLY WRAPPED IN PROTECTIVE PACKAGING.
RIM PART NUMBER AND NUMBER OF LABELS SETS
PER ROLL TO BE STATED ON EACH ROLL.
ROLL TO HAVE 3" DIA. CORE AND LABELS TO BE
OUTSIDE WOUND - HEAD FIRST.
MAXIMUM OUTSIDE ROLL DIA. TO BE 8".
- 5) OBTAIN ARTWORK FROM RIM TECHNICAL PUBLICATIONS DEPT.
- 6) TO MANUFACTURE DIE, USE GEOMETRY FROM AUTOCAD .dxf
FILE OBTAINED FROM RIM MECHANICAL ENGINEERING DEPT.
- 7) USE OVERALL WIDTH AND LENGTH DIMENSIONS GIVEN FOR CHECKING.

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OR USED EXCEPT WITH THE WRITTEN PERMISSION OF RIM.

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DIMENSIONS ARE IN: mm

UNLESS OTHERWISE SPEC.
TOLERANCES ARE:

.XX = ± 0.025


.X = ± 0.1

ANGLES = ± 0.5°

SURFACE FINISH 1.6 ✓

A	ECN-00XXX	INITIAL RELEASE	PLD	12/02/99
REV	ECN	CHANGES	DFTS	DATE
DRAWN BY: R DULLABT CHKD BY: APPRD BY:		295 PHILLIP ST., WATERLOO, ONTARIO, CANADA, N2L 3W8 www.rim.net VOICE: (519) 888-7466, FAX: (519) 888-6906		
NAME: R DULLABT DATE: 12/02/99		PART NAME: LABEL - BATTERY, R800D-2-PW		
SCALE: 2:1		PROJECT: LEAPFROG - AMSC		
FILEPATH: C:\WORKING\		DRAWING NUMBER: MAT-01979-003		




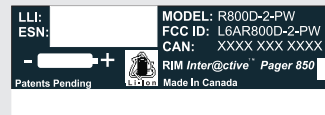
1	ECN-0xxx	NEW		HD	02/16/99																								
REV	ECN	CHANGES		DFTS	DATE																								
Software: CorelDRAW 7.0 Colours: Pantone 877, Pantone 433, Pantone 1815C or 187U, process black		 RESEARCH IN MOTION WATERLOO, ONTARIO, CANADA PH:(519) 888-7465 FAX:(519) 888-6906																											
<table border="1"> <thead> <tr> <th colspan="2">APPROVALS</th> </tr> <tr> <th>NAME</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>Heather Dwyer</td> <td>02/16/99</td> </tr> <tr> <td>DRAWN BY</td> <td></td> </tr> <tr> <td>CHK'D BY</td> <td></td> </tr> <tr> <td>ENG</td> <td></td> </tr> <tr> <td>MFG</td> <td></td> </tr> <tr> <td>MKTG</td> <td></td> </tr> <tr> <td>LEGAL</td> <td></td> </tr> <tr> <td>SUPERSEDES</td> <td></td> </tr> <tr> <td>SUPSD BY</td> <td></td> </tr> <tr> <td colspan="2">FILEPATH: I\LINK\PROJECTS</td> </tr> </tbody> </table>		APPROVALS		NAME	DATE	Heather Dwyer	02/16/99	DRAWN BY		CHK'D BY		ENG		MFG		MKTG		LEGAL		SUPERSEDES		SUPSD BY		FILEPATH: I\LINK\PROJECTS		THE CONTENT OF THIS DOCUMENT IS RIM INTELLECTUAL PROPERTY. IT IS CONFIDENTIAL AND IS NOT TO BE DISCLOSED, REPRODUCED OR USED EXCEPT WITH THE WRITTEN PERMISSION OF RIM. COPYRIGHT 1999 RESEARCH IN MOTION LIMITED.			
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NAME	DATE																												
Heather Dwyer	02/16/99																												
DRAWN BY																													
CHK'D BY																													
ENG																													
MFG																													
MKTG																													
LEGAL																													
SUPERSEDES																													
SUPSD BY																													
FILEPATH: I\LINK\PROJECTS																													
		PROJECT:	Leapfrog																										
		NAME:	Art - BlackBerry label																										
		SCALE 1:1	ART-01976-006		REV 1																								
		SHEET 1 OF 1																											




Notes:

1. Plating finish: Satin Chrome
2. Background: Match background to GE Cycloy C1200HF Resin, colour: GE-CY1353, surface textured as per unlimited textures MT11020.
Supplied by RIM Mechanical Engineering Dept.

2	ECN-00347	ADDED NOTES	SC	11/18/98
1	ECN-00291	INITIAL RELEASE	HD	09/03/98
REV	ECN	CHANGES	DFTS	DATE
Software: CorelDraw 7.0		 RESEARCH IN MOTION WATERLOO, ONTARIO, CANADA PH:(519) 888-7465 FAX:(519) 888-6906		
APPROVALS		THE CONTENT OF THIS DOCUMENT IS RIM INTELLECTUAL PROPERTY. IT IS CONFIDENTIAL AND IS NOT TO BE DISCLOSED, REPRODUCED OR USED EXCEPT WITH THE WRITTEN PERMISSION OF RIM. COPYRIGHT 1998 RESEARCH IN MOTION LIMITED.		
NAME DATE				
DRAWN BY	Susan Clarke 04/01/98			
CHK'D BY				
ENG				
MFG				
MKTG				
LEGAL		PROJECT:	Leapfrog	
NAME:		NAMEPLATE - RIM (Satin Chrome)		
SCALE 1:1		ART-01978-001		
SHEET 1 OF 1				
FILEPATH: \\willy\cad\archive\leapfrog				
SUPERSEDES		REV 2		



A	ECN-00xxx	NEW	HD	02/16/99
REV	ECN	CHANGES	DFTS	DATE
Software: CorelDraw 7.0 Colours: Pantone spot colour 433 and process white		 RESEARCH IN MOTION WATERLOO, ONTARIO, CANADA PH:(519) 888-7465 FAX:(519) 888-6906		
APPROVALS		THE CONTENT OF THIS DOCUMENT IS RIM INTELLECTUAL PROPERTY. IT IS CONFIDENTIAL AND IS NOT TO BE DISCLOSED, REPRODUCED OR USED EXCEPT WITH THE WRITTEN PERMISSION OF RIM. COPYRIGHT 1999 RESEARCH IN MOTION LIMITED.		
NAME				
DATE				
DRAWN BY				
CHK'D BY				
ENG		PROJECT: RIM Inter@ctive Pager™ 850		
MFG		NAME: LABEL - BATTERY COMPARTMENT, PRINTED		
MKTG		SCALE 1:1		
LEGAL		SHEET 1 OF 1		
SUPERSEDES		ART-01979-003		
SUPSD BY		REV A		
FILEPATH: ILINK/PROJECTS				