



Creative Fabrica

**Embroidery Design
Sewing Information**

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Silly Baby Rag Doll

6x10 ITH INSTRUCTIONS



For 6x10 in-the-hoop rag doll by © 2021

BALLYHOO
Creations

TOOLS NEEDED:

- Embroidery machine with 5x7 hoop
- Sharp fabric scissors
- Hemostats for turning and stuffing the doll
- Long doll needle and strong thread for closing the seam openings
- Pins to hold the stabilizer firmly in the hoop (the T-pin trick)

SUPPLIES NEEDED:

- Doll skin fabric (see note below)
 - For limbs: 2 pieces - 8" x 6"
 - For body/head: 2 pieces - 8" x 8"
- Panty/diaper fabric: 2 pieces - 6" wide x 5" tall
- Embroidery thread to match your fabric, plus black and white for faces
- Polyester stuffing
- No-show mesh embroidery stabilizer, or similar lightweight cutaway stabilizer
- Scrap of water or heat soluble stabilizer to use under the face detail stitches
- Fusible stabilizer for thin or stretchy panty fabric

About fabric choices: Lining your doll with fleece or t-shirts is NOT recommended for this pattern. Use cut-away or no-show mesh stabilizer as the lining. Different fabrics may affect how easily the doll stitches and turns right-side-out. Please keep your fabric choices in mind when making any ITH doll. If using stretch fabric - **cut-away stabilizer MUST be used** on front and back to prevent distortion when stuffing the doll.

TEMPLATES

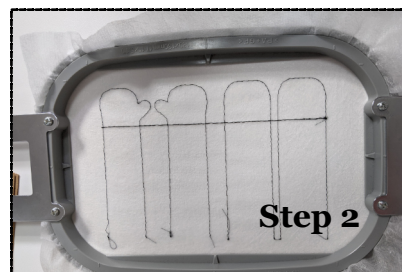
This Silly Baby Rag doll design comes with separate pages that include full size template and color/stitch order diagrams. These can be found at the back of this instruction document.

INSTRUCTIONS: FOR LIMBS

NOTE The “colors” on the thread list are to separate the different steps so your machine stops at the right times. Choose a thread color to match your doll fabric and use that for most of the project. Then switch to different colors when stitching the face. Multi-needle users will need to manually program stops between each “color.”

Use the file that has the word “limbs” in the filename. This will stitch all arms and legs in one hooping.

1. Hoop some cut-away or no-show mesh stabilizer in a 5x7 or larger hoop.
2. STITCH COLOR 1 to create a placement outline on your stabilizer.
3. Place your front fabric, RIGHT-SIDE-UP on the stabilizer to cover the placement stitches
4. STITCH COLOR 2 to tack-down the front. (this includes the cut lines for limbs which you’ll need later)
5. Place your back limb fabric, RIGHT-SIDE-DOWN, over the front piece and cover it with another piece of stabilizer.
6. STITCH COLOR 3 which creates a double stitched seam for each limb.
7. Remove the project from the machine and unhoop the limbs.
8. Cut out limbs leaving 1/8” seam allowance for knit fabric (that doesn’t fray) or 1/4” if using a woven fabric that is prone to fraying. Clip the corners around the thumb right up to the stitch line without cutting the stitches. The tack-down stitch from step 3 shows where to cut off the top of the limbs on the open side. Cut along that line to get precision placement when attaching limbs to the body later.
9. Turn limbs right-side-out. Small hemostats are useful for turning the thumbs.
10. Lightly stuff limbs. Over-stuffing will make them difficult to attach later on. ***Leave the last 1 inch of each limb unstuffed.***



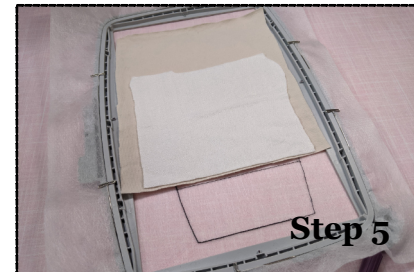
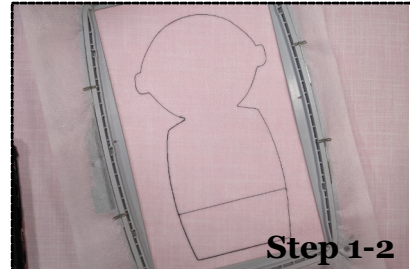
INSTRUCTIONS: FOR HEAD / BODY - PAGE 1

Notes:

You will need to have the arms and legs stuffed and ready in order to complete the body stitch-out.

For multi-needle users, program a stop between each "color"

1. Hoop some no-show mesh or other cutaway stabilizer in your 6x10 hoop. Use T-pins or other large head pin between the inner and outer hoop to hold the stabilizer in place. (see photo for the T-pin trick) If your thin stabilizer slips in the hoop during stitching, the eye outlines will not match up with the eye whites. Proper stabilization is important for a quality stitch-out.
2. STITCH COLOR 1 to create a placement outline on your stabilizer.
3. Place your front fabric, RIGHT-SIDE-UP on the stabilizer to cover the neck area all the way down to the waist line.
4. Place the panty fabric on top of the body fabric, RIGHT-SIDE-DOWN so it also ends at the waist placement line. The bottom part of the doll outline will not have fabric on it yet.
5. STITCH COLOR 2 to create a seam at the waistline.
6. Fold the panty fabric down so it cover the placement stitches for the bottom of the doll. Finger press the seam flat. You may need to tape this to hold it in place, depending on your fabric.
7. STITCH COLOR 3 which will tack-down the front pieces with boxes for arm and leg placement.
8. Place a topper such as water/heat soluble stabilizer in the head area.

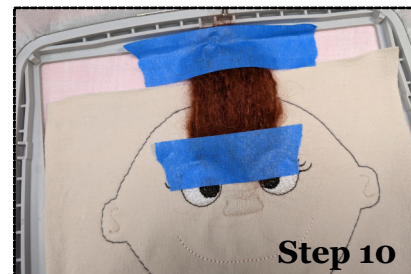
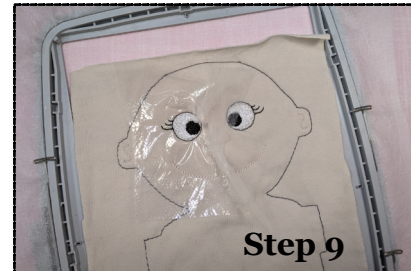


INSTRUCTIONS: FOR BODY - PAGE 2

9. **STITCH COLORS 4-7** to create the doll's face. After color 7 the needle will advance to the left arm and take a few stitches to anchor the next position.
10. **OPTIONAL** - if you want to add a lock of hair, taps some loops of yarn on the top of the doll head.

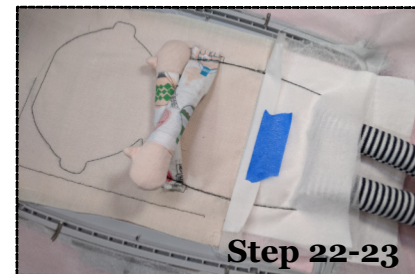
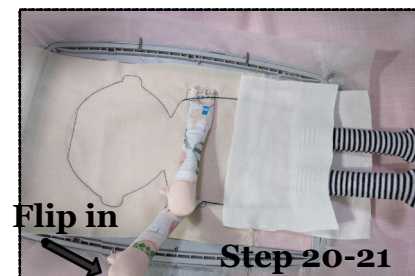
NOTE: The next steps will firmly tack the arms and legs to the front of the body. The needle will stop in the center where each limb will be stitched so you will know where to place the next limb. **DO NOT** put your hands near the needle while it is stitching! The design was digitized for minimal movement of the limbs while being stitched down. For most machines, you can place it and leave it, while the machine holds it and tacks it down.

11. Place the left arm so that the raw edge is in the left arm box. The arm will be across the body. The thumb should be pointing up towards the neck.
12. **STITCH COLOR 8** to stitch the left arm to the front of the body. The machine will then stitch over to the left leg and stop.
13. Place a leg in the left leg outline box, where the needle is centered. The cut edge of the leg should match up with the box outline. The "toe" area will be pointing towards the neck.
14. **STITCH COLOR 9** to stitch the left leg to the front of the body. The machine will then stitch over to the right leg and stop.



INSTRUCTIONS: FOR BODY - PAGE 3

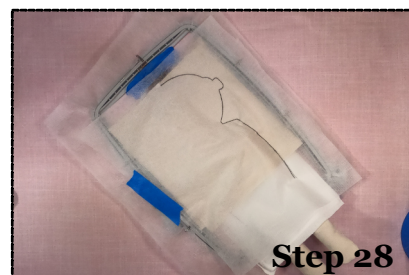
15. Place a leg in the right leg outline box, where the needle is centered.
16. **STITCH COLOR 10** to stitch the right leg to the front of the body. The machine will then stitch over to the right arm and stop.
17. Flip both legs and the left arm so they're extending out of the hoop. This will keep them out of the way and prevent them getting accidentally stitched.
18. Place an arm in the right arm outline box, where the needle is centered. Thumb should be pointing up towards the neck. Be sure the left arm is flipped out so it's out of the way when the right arm is stitched down.
19. **STITCH COLOR 11** to stitch the right arm to the front of the body. The needle will stitch to the next position for the panty.
20. Flip both arms so they're in the hoop and crossing over the body, but leave the legs flipped out of the hoop for now.
21. Lay the back panty fabric, **RIGHT SIDE DOWN**, over the front so that the upper edge reaches the side guidelines on the tack-down body stitch. (These guides are 1/2" above the front panty seam)
22. **STITCH COLOR 12** to tack the right and left sides of the panty to the front. The machine will then stitch up the left side of the hoop to the top of the head, so make sure that left arm is out of the way.
23. Fold the top edge of the back panty down, using the side tack stitches as your folding guide. The back panty fold should match the front panty waist seam. Tape the fold to hold the fabric down.
24. Keep the right arm crossed over the body but flip the left arm out of the hoop. Place the back body fabric over the top part of the doll, **RIGHT SIDE DOWN**, overlapping the panty fabric by about 1 inch.



INSTRUCTIONS: FOR BODY - PAGE 4

25. Cover the entire back of the doll with no-show mesh stabilizer.
26. STITCH COLOR 13 to stitch the right side seam of the doll. This will stitch from top down, then back up again for a double-stitched seam.
27. Remove hoop from machine but keep project in the hoop and place on a hard surface. Lift the back fabric and position right arm straight down near the seam you just stitched. Cross the left arm so it's across the body, then fold the hand down. Tuck the hands into the panty to keep them in place. Take care to flatten the area around the left arm tack-down so it will stitch flat.
28. Pull the back fabric over the doll again and tape it on the left side. Check the left side to see that the seam will stitch flat and no arms are in the seam area.
29. STITCH COLOR 14 to stitch the left side seam. It will stitch top to bottom, then back up again for a double-stitched seam. Then it will stitch down the the bottom left for positioning.
30. Remove the hoop from the machine but keep the project in the hoop.

Continued on next page...



INSTRUCTIONS: FOR BODY - PAGE 5

31. Carefully push the arms up into the neck area, then tuck the legs into the body cavity. Be sure the area around the leg tack-down is flat.
32. Once the legs are tucked in, smooth the remaining back fabric over the bottom seam area.
33. STITCH COLOR 15 which will double-stitch the bottom seam.
34. Remove the project from the hoop.
35. Cut away excess fabric leaving $\frac{1}{4}$ seam allowance. Clip the neck corners as close to the stitched seam as you can without cutting that seam. This helps the neck turn out clean without wrinkles and pinches.
36. Cut a slit in the back side stabilizer at the waist seam. Cut from one side seam to the other. (The front has the waist seam on the stabilizer, the back does not.)
37. Reach into the stabilizer slit you just cut, going between the panty and back fabric. You'll be able to access the inside of the doll from this back flap.

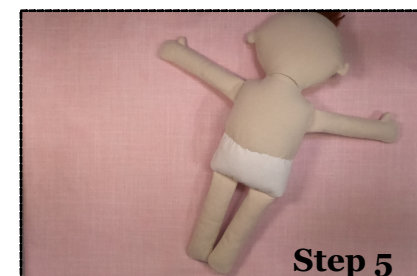
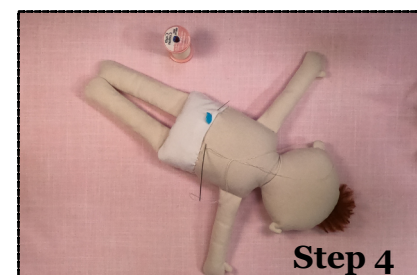
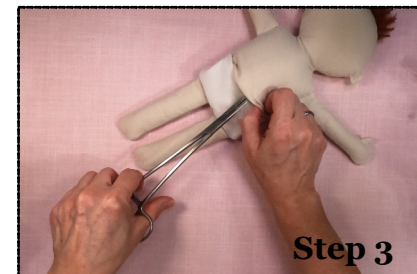
Continue to assembly steps



INSTRUCTIONS: ASSEMBLING THE DOLL

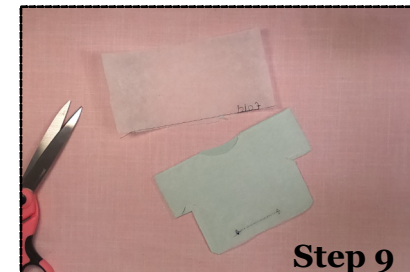
1. Pull the arms and legs out, and turn the doll right-side-out through the back flap
2. Use a blunt tool to push out all the seams and the ears..
3. Stuff the head and body through the back flap. Take care to firmly stuff the neck to avoid “floppy head syndrome” Hemostats can be helpful to precisely place stuffing and avoid any hollow areas.
4. When you’re happy with the stuffing, tuck the back “skin” fabric into the panty and pin in place.
5. Hand stitch (ladder stitch) the back flap to the back body with a doll needle and strong thread. Or you can also glue this with strong fabric glue like fabri-tac. (diagram of ladder stitch can be found at the end of these instructions)

Your doll is finished!! Continue on to make the t-shirt.



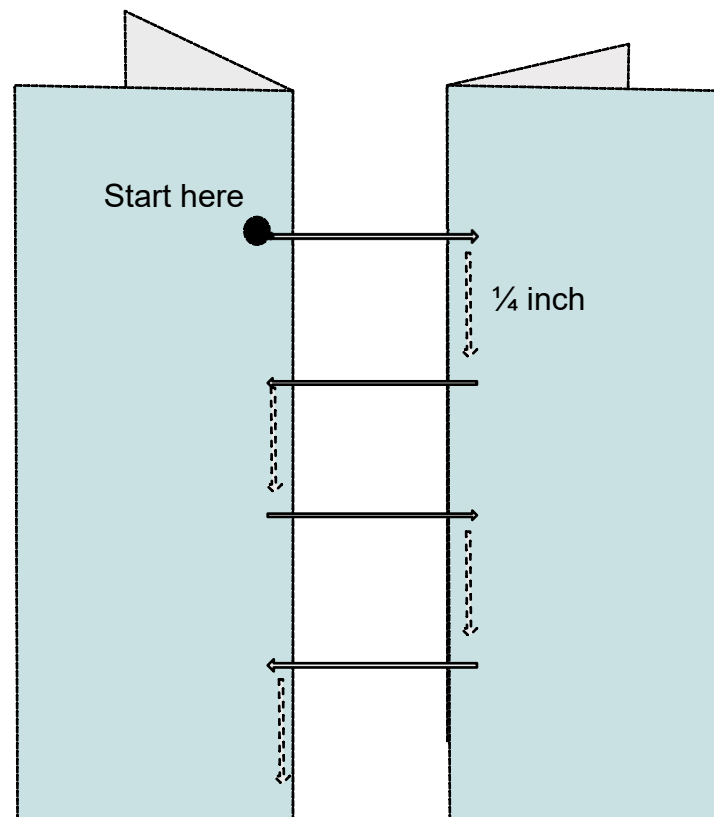
INSTRUCTIONS: 1TH T-SHIRT

1. Hoop some tear-away stabilizer in a 5x7 hoop or larger
2. STITCH COLOR 1 to create a placement guide for your fabric. Note the arrow for stretch.
3. Place your stretch fabric so that the bottom half of it covers the placement stitches, and the top half extends out of the hoop over the shoulder area.
4. STITCH COLOR 2 which tacks-down the front and creates a fold line at the shoulders.
5. OPTIONAL - If you want to add your own design to the T-shirt, do it at this point.
6. Fold the top of the shirt fabric down to cover the tack-down stitches you just created.
7. STITCH COLOR 3 to stitch the side seams of the shirt.
8. Remove from hoop and cut away the sides and bottom by cutting on the placement lines (you'll see them on the stabilizer side) Do not cut the fold line at the shoulders!
9. The tack-down from step 4 has a neckline guide. You can use scissors to cut the neckline open with that guide, or create your own neckline.
10. After the neckline is cut, gently pull away the basting stitch from the shoulders.
11. Tear-away the stabilizer. Be careful not to dislodge the seams. It's easier to remove the center area, then come back and remove the thin strips from the seam allowances.
12. Turn the shirt RIGHT SIDE OUT.
13. You may leave the edges raw. Or they can be turned under and hand stitched, or use 1/4" seam tape to turn them under for a cleaner look.
14. Put the shirt on the doll. If your fabric is not stretchy enough to fit over the doll head, you can cut it open a bit more and add a snap closure (optional)



Ladder stitch:

1. Thread a long needle with a double layer of strong thread that is about 12" long and tie a knot at the end.
2. Starting at the inside of the doll - push the needle and thread from the inside to the outside at one end of the seam opening.
3. Take a horizontal stitch across the seam opening and insert the needle again, it should come out about $\frac{1}{4}$ " down that same side. If you have stabilizer under your fabric, be sure to catch the stabilizer in your stitch.
4. Then do another horizontal stitch going the opposite direction across the seam opening.
5. Repeat this stitch pattern. It resembles railroad tracks or a ladder. The horizontal arrows in the diagram are stitches on top of the fabric, while the vertical dashed arrows are underneath and not seen.
6. When you pull on the thread, it should pull the opposite sides together to close the gap.
7. When you have stitched the entire seam, make a knot in the thread and then push the needle back into the doll to come out a few inches away and cut the thread so it disappears back inside the doll stuffing areas. Now your thread is secure and buried where nobody can see it.



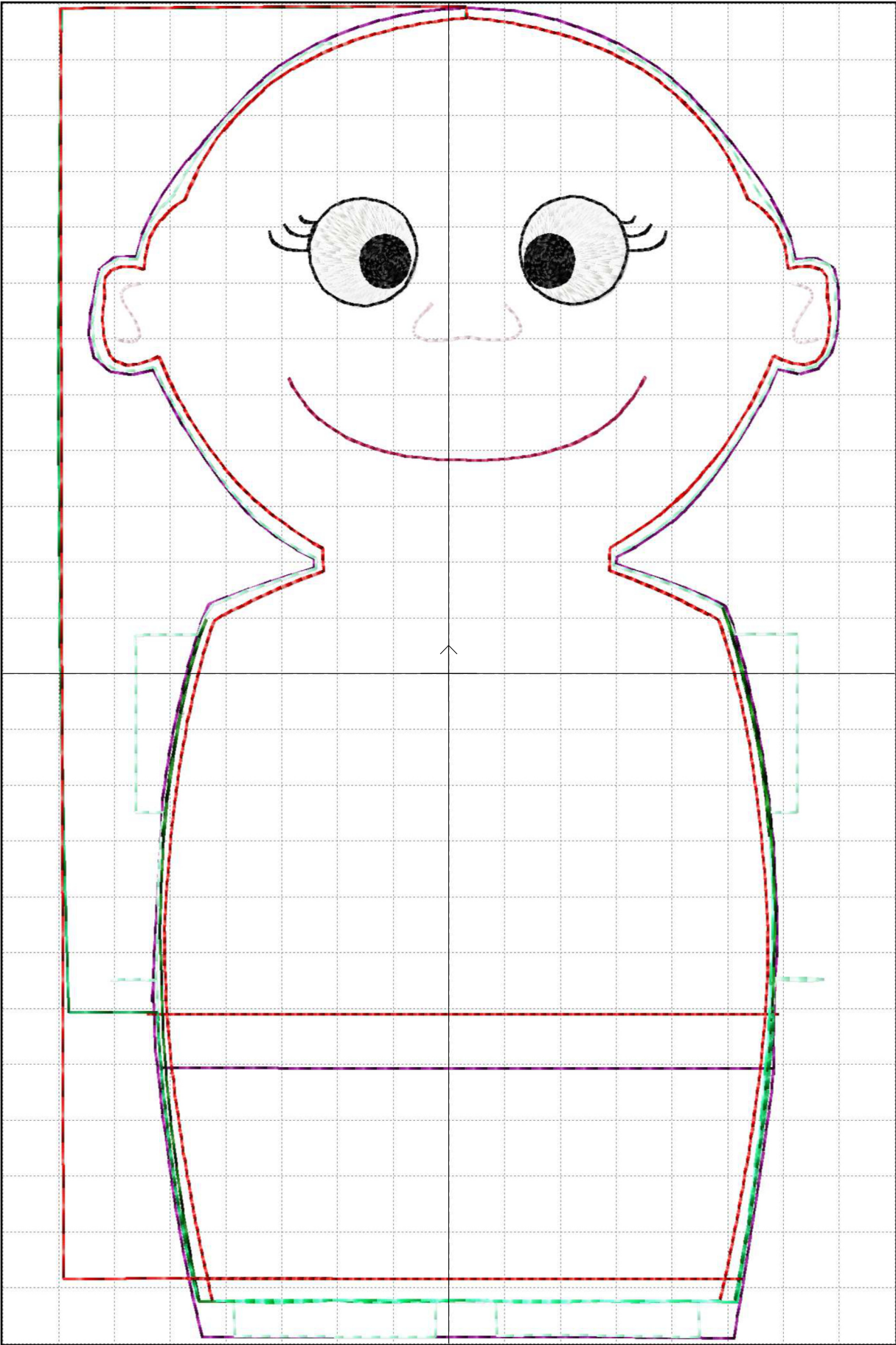
BC_6x10_ITHsillybaby-girl_071021
140.0x238.6 mm
4243 st



Stitch Order

<div>1. Placement 1</div> <div></div>	<div>230st</div> <div><div>12. WaistSeam</div><div></div></div>	<div>66st</div> <div><div>3. Tackdown 1</div><div></div></div>	<div>253st</div> <div><div>4. White</div><div></div></div>	<div>1662st</div> <div><div>5. Black</div><div></div></div>	<div>821st</div> <div><div>6. Red</div><div></div></div>	<div>127st</div> <div><div></div><div></div></div>
<div>7. Pink</div> <div></div>	<div>107st</div> <div><div>8. tack left arm</div><div></div></div>	<div>49st</div> <div><div>9. tack left leg</div><div></div></div>	<div>39st</div> <div><div>10. tack right leg</div><div></div></div>	<div>49st</div> <div><div>11. tack rightarm</div><div></div></div>	<div>48st</div> <div><div>12. Tackdown 5</div><div></div></div>	<div>119st</div> <div><div></div><div></div></div>
<div>13. Seam 2</div> <div></div>	<div>307st</div> <div><div>14. Seam 3</div><div></div></div>	<div>348st</div> <div><div>15. Seam 4</div><div></div></div>	<div>119st</div> <div><div></div><div></div></div>			

Template on next page



BC_6x10_ITHsillybaby-boy_071021

140.0x238.6 mm

4136 st



Stitch Order

<div>1. Placement 1</div>	<div>230st. 12. Waist Seam</div>	<div>66st. 3. Tackdown 1</div>	<div>253st. 4. White</div>	<div>1730st. 5. Black</div>	<div>634st. 6. Red</div>	<div>127st. 104</div>
<div>7. Pink</div>	<div>107st. 8. tack left arm</div>	<div>49st. 9. tack left leg</div>	<div>39st. 10. tack right leg</div>	<div>49st. 11. tack right arm</div>	<div>48st. 12. Tackdown 5</div>	<div>119st. 9</div>
<div>13. Seam 2</div>	<div>307st. 14. Seam 3</div>	<div>348st. 15. Seam 4</div>	<div>119st. 64</div>			

Template on next page

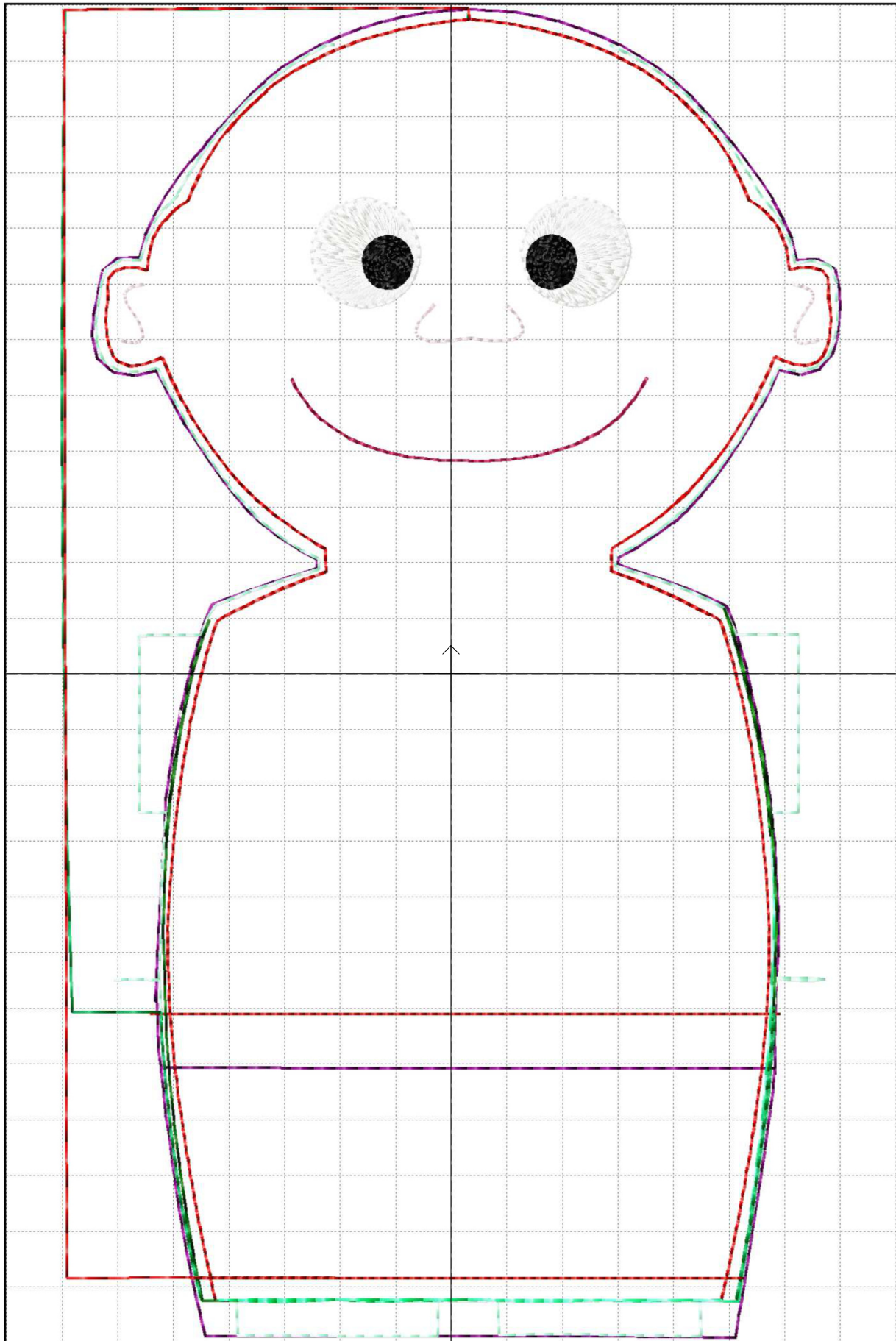
BC_6x10_ITHsillybaby-boy_071021

140.0x238.6 mm

4136 st

Template

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

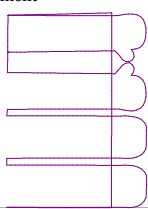
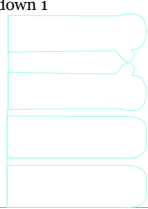
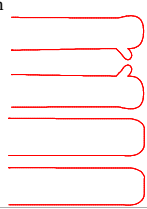
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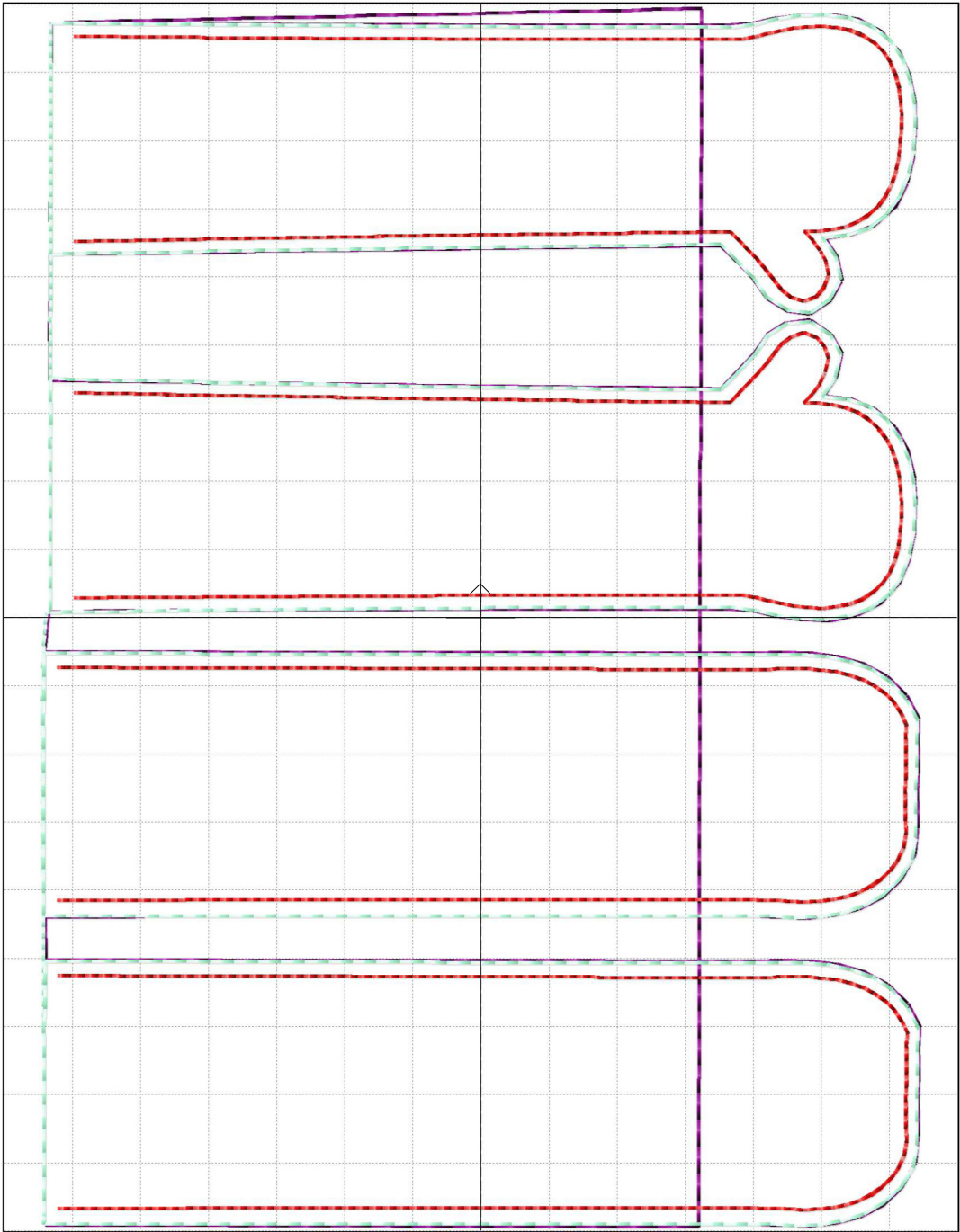
128.9x178.9 mm (5.07x7.04 ")

2051 stitches

Stitch Order & Template



	394st.		490st.		1167st.
1. Placement		2. Tackdown 1		3. Seam	
					



179.4x 120.8 mm (7.06 x 4.76") Stitch Order & Template
638 stitches

