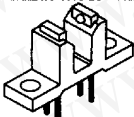
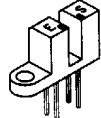
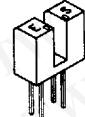
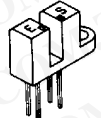
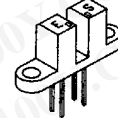


Transmissive With Plastic Encapsulated Components **Assemblies**

Assemblies on this page are based on plastic-encapsulated components from the SEP8506 and SDP8406 device families. All sensors are phototransistors.

ORDER AND SPECIFICATION GUIDE

Package Style	Part Number Notes 1, 2, 3	Sensor Aperture (LxW) Inches	Sensor Light Current (mA)			
			min	at I_f (mA)	and V_{CE} (V)	
	HOA0825-1	0.060 dia	0.50	20	0.5	
	HOA0825-2	0.060 dia	0.50	20	0.5	
	HOA0825-3	0.060 dia	0.50	20	0.5	
	HOA0825-4	0.060 dia	0.50	20	0.5	
Drawing 37 Page 43						
		--0-L51	0.060 x 0.010	0.50	20	10.0
		--0-L55	0.060 x 0.050	0.50	20	10.0
	HOA086--	--1-L55	0.060 x 0.050	1.00	10	5.0
	or	--2-L55	0.060 x 0.050	1.80	20	0.6
	HOA087--	--5-L51	0.060 x 0.010	0.50	20	10.0
		--5-L55	0.060 x 0.050	0.50	20	10.0
		--6-L55	0.060 x 0.050	1.00	10	5.0
Drawing 38 Page 43		--7-L55	0.060 x 0.050	1.80	20	0.6
		--0-N51	0.060 x 0.010	0.50	20	10.0
		--0-N55	0.060 x 0.050	0.50	20	10.0
	HOA086--	--1-N55	0.060 x 0.050	1.00	10	5.0
	or	--2-N55	0.060 x 0.050	1.80	20	0.6
	HOA087--	--5-N51	0.060 x 0.010	0.50	20	10.0
		--5-N55	0.060 x 0.050	0.50	20	10.0
		--6-N55	0.060 x 0.050	1.00	10	5.0
Drawing 39 Page 43		--7-N55	0.060 x 0.050	1.80	20	0.6
		--0-P51	0.060 x 0.010	0.50	20	10.0
		--0-P55	0.060 x 0.050	0.50	20	10.0
	HOA086--	--1-P55	0.060 x 0.050	1.00	10	5.0
	or	--2-P55	0.060 x 0.050	1.80	20	0.6
	HOA087--	--5-P51	0.060 x 0.010	0.50	20	10.0
		--5-P55	0.060 x 0.050	0.50	20	10.0
		--6-P55	0.060 x 0.050	1.00	10	5.0
Drawing 40 Page 43		--7-P55	0.060 x 0.050	1.80	20	0.6
		--0-T51	0.060 x 0.010	0.50	20	10.0
		--0-T55	0.060 x 0.050	0.50	20	10.0
	HOA086--	--1-T55	0.060 x 0.050	1.00	10	5.0
	or	--2-T55	0.060 x 0.050	1.80	20	0.6
	HOA087--	--5-T51	0.060 x 0.010	0.50	20	10.0
		--5-T55	0.060 x 0.050	0.50	20	10.0
		--6-T55	0.060 x 0.050	1.00	10	5.0
Drawing 41 Page 44		--7-T55	0.060 x 0.050	1.80	20	0.6

NOTES:

- The sixth digit in each part number indicates housing material. 6 identifies IR transparent black polysulfone housing for maximum protection from dust, dirt, etc. 7 denotes IR opaque black polysulfone for areas where ambient IR radiation levels are high. Form complete part number by deleting double dashes and joining prefix and suffix. **Example (HOA086--) + (--1-N55) = HOA0861-N55.**
- The seventh digit indicates lead spacing, as well as the light current specification. 0, 1 or 2 indicates sensor-to-emitter lead spacing of 0.32 inch; 5, 6 or 7 means sensor-to-emitter lead spacing is 0.22 inch.
- Custom specifications are available.

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