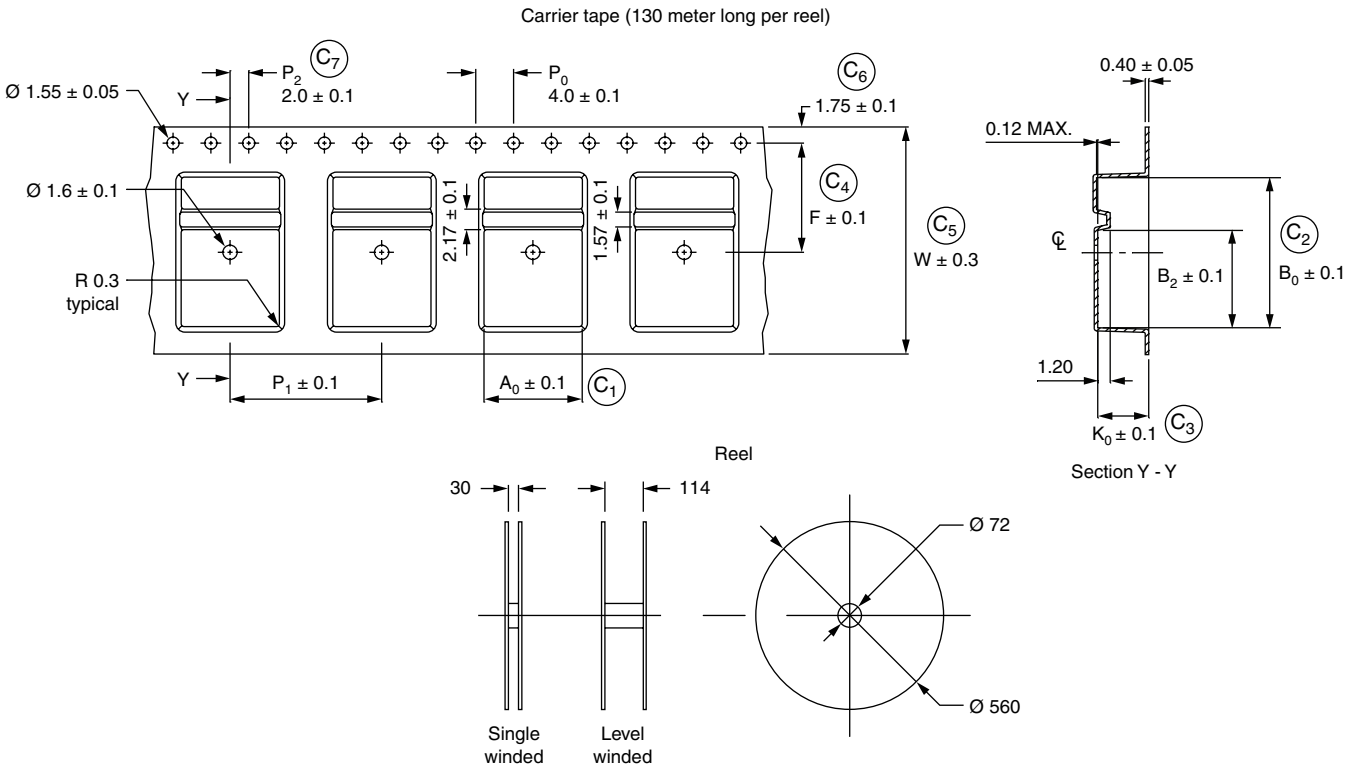
D^2PAK

CARRIER TAPE FOR TAPE AND REEL LEFT in millimeters



NUMBER	PACKAGE	A_0	B_0	B_2	K_0	F	P_1	W	REEL DIAMETER	QUANTITY PER REEL
93-0194-01	D^2PAK	10.80	16.00	10.35	4.90	11.50	16.00	24.00	330	800

Notes

MATERIAL

1. General
   - ⟨ST⟩: Statistical, $C_{pk} \geq 1.33$
   - 10 sprocket hole pitch cumulative tolerance ± 0.02 mm
   - Camber not to exceed 1 mm in 250 mm
   - A_0 and B_0 measured on a plane 0.3 mm above the bottom of the pocket
   - K_0 measured from a plane on the inside bottom of the pocket to the top surface of the carrier
   - Pocket position relative to sprocket hole measured as true position of pocket, not pocket hole
   - Measured from centerline of sprocket hole to centerline of pocket
   - Must also meet requirements of EIA standard #EIA-481A taping of surface mount components for automatic placement

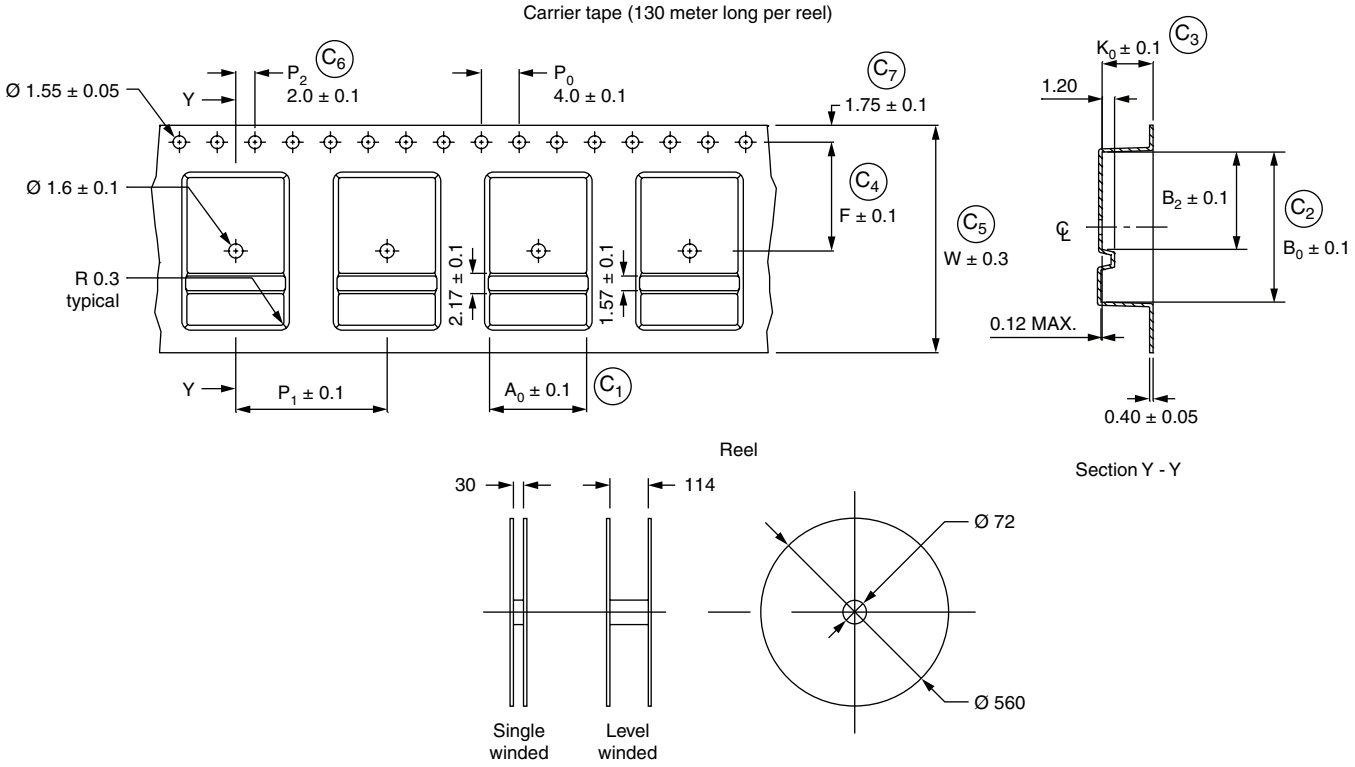
2. Specification
   - Poliestyrene
   - Surface resistivity of molded material must measure $\leq 10^6$ Ω/SQ measured in accordance to procedure given in ASTM D-257 and ASTM D-991
   - Free of heat marks
   - No sharp edges allowed
   - No deformities allowed in wall cavity
   - Holes, edges and cavities must be free of burrs ≤ 0.060 mm (burrs shall not come off the tape)

PACKAGING

1. General
   - Each box must be identified with Vishay part number 93-0194-x
   - Box should be free of foreign particles
   - Product must be stored at room temperature and clean environment
   - Certificate of analysis is required per every lot number

2. Material
   - Conductive black styrenic alloy

CARRIER TAPE FOR TAPE AND REEL RIGHT in millimeters



NUMBER	PACKAGE	A_0	B_0	B_2	K_0	F	P_1	W	REEL DIAMETER	QUANTITY PER REEL
93-0195-01	D²PAK	10.80	16.00	10.35	4.90	11.50	16.00	24.00	330	800

Notes

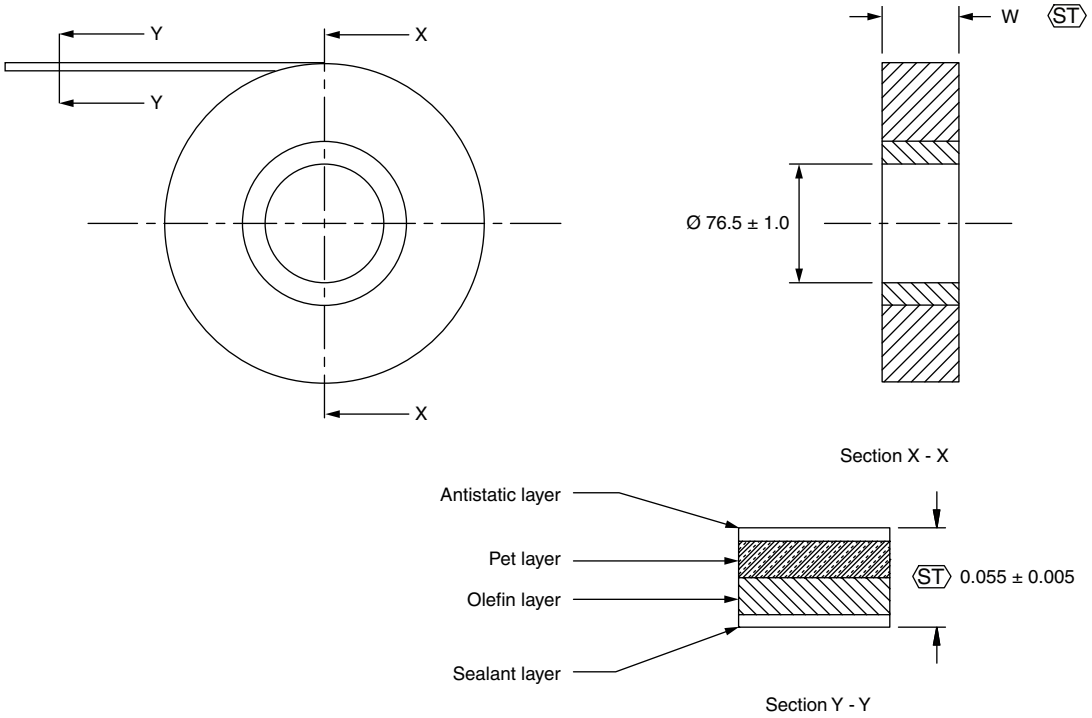
MATERIAL

1. General
   - 〈ST〉: Statistical, $C_{pk} \geq 1.33$
   - 10 sprocket hole pitch cumulative tolerance ± 0.02 mm
   - Camber not to exceed 1 mm in 250 mm
   - A_0 and B_0 measured on a plane 0.3 mm above the bottom of the pocket
   - K_0 measured from a plane on the inside bottom of the pocket to the top surface of the carrier
   - Pocket position relative to sprocket hole measured as true position of pocket, not pocket hole
   - Measured from centerline of sprocket hole to centerline of pocket
   - Must also meet requirements of EIA standard #EIA-481A taping of surface mount components for automatic placement
2. Specification
   - Poliestyrene
   - Surface resistivity of molded material must measure $\leq 10^6$ Ω/SQ measured in accordance to procedure given in ASTM D-257 and ASTM D-991
   - Free of heat marks
   - No sharp edges allowed
   - No deformities allowed in wall cavity
   - Holes, edges and cavities must be free of burrs ≤ 0.060 mm (burrs shall not come off the tape)

PACKAGING

1. General
   - Each box must be identified with Vishay part number 93-0195-x
   - Box should be free of foreign particles
   - Product must be stored at room temperature and clean environment
   - Certificate of analysis is required per every lot number
2. Material
   - Conductive black styrenic alloy

COVER TAPE FOR CARRIER TAPE in millimeters



VERSION	NUMBER	APPLICATION	W	CARRIER TAPE WIDTH	MATERIAL
01	92-5210-14	D²PAK	21.3 ± 0.1	24	Antistatic/treated/transparent/polyester

Notes

MATERIAL

1. General
   - ⟨ST⟩: $C_{pk} \geq 1.33$
2. Specification
   - Thickness: 0.052 ± 0.005
   - Length: 500 m
   - Tensile strength: 6.00 kg/mm SQ
   - Elongation: > 100 %
   - Surface resistivity: 10E11 Ω/SQ max. both sides (antistatic)
   - Peel strength conforms to IRMX specification P01-0074
   - POS test range not to exceed 35 grf.
     Data included on C of C of every lot
   - Curl 4.5 mm max.
     Sample length 200 mm
     Frequency 5 times
   - Inspection date < one year
   - Luminous transmittance: 89.8 %
   - Must also meet all requirements of EIA-standard #EIA-481C, taping of surface mount components for automatic placement
   - Free of heat marks
   - No sharp edges allowed
   - No burrs allowed

PACKAGING

1. General
   - Each box must be identified with Vishay part number 92-5210-x
   - Box should be free of foreign particles