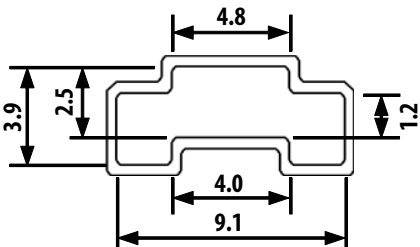
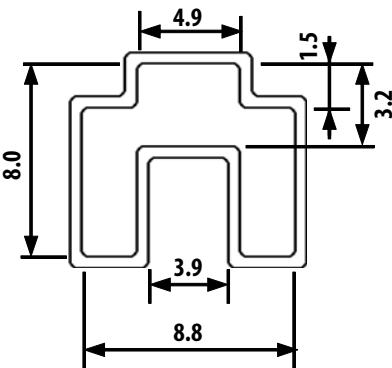
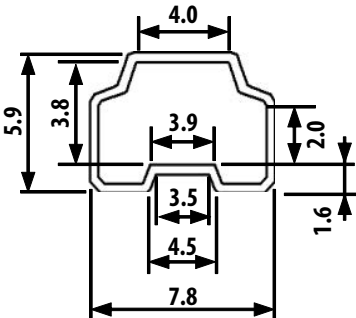
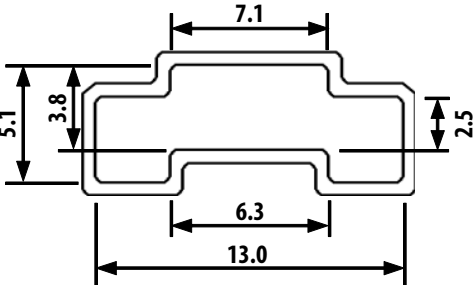
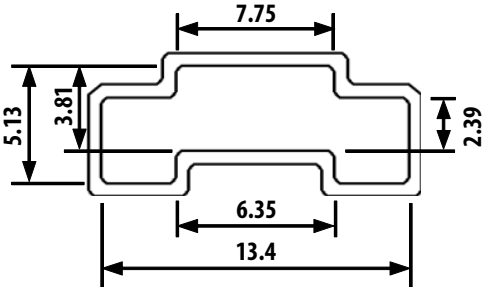
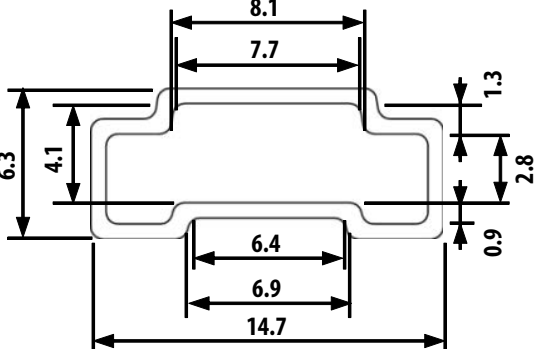
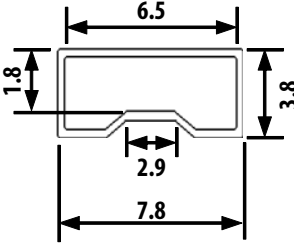
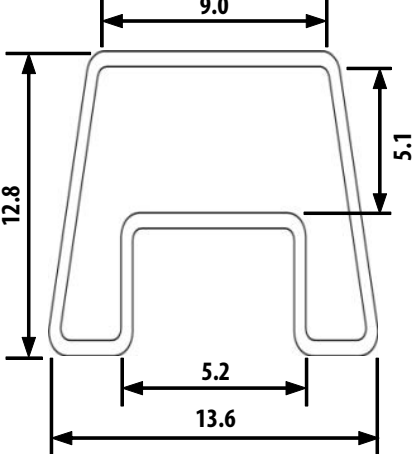


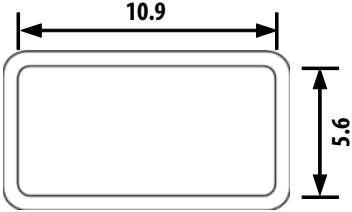
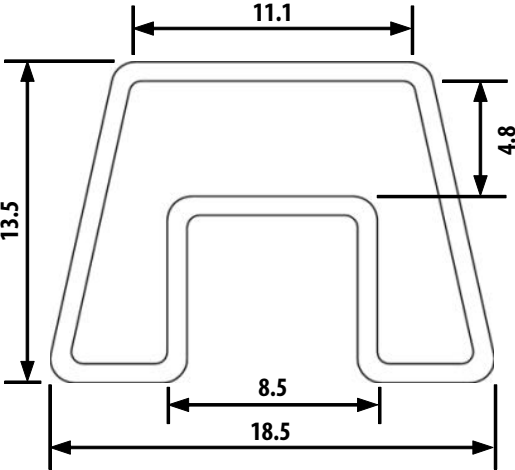
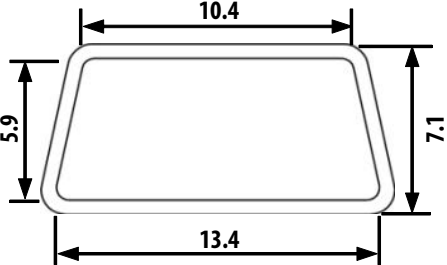
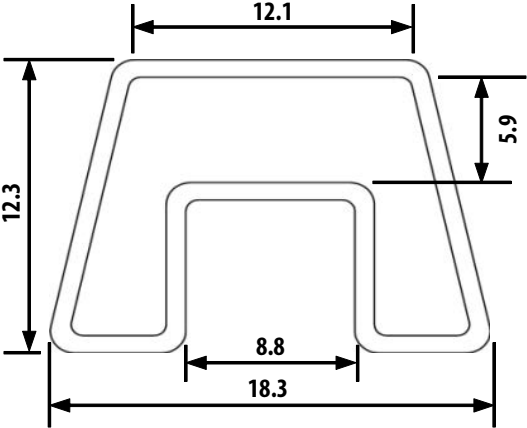
## Shipping Tube Dimensions for Optocouplers

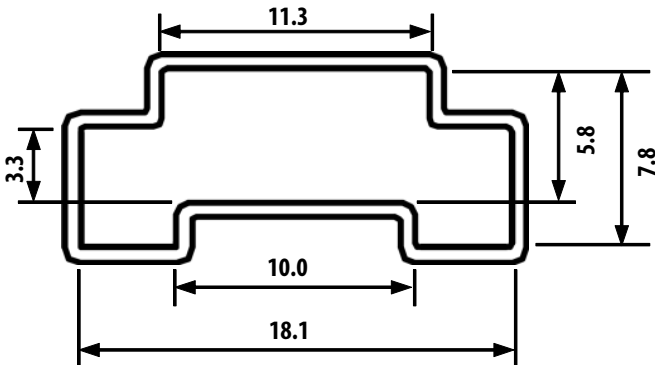
### Plastic/Solid State Relays

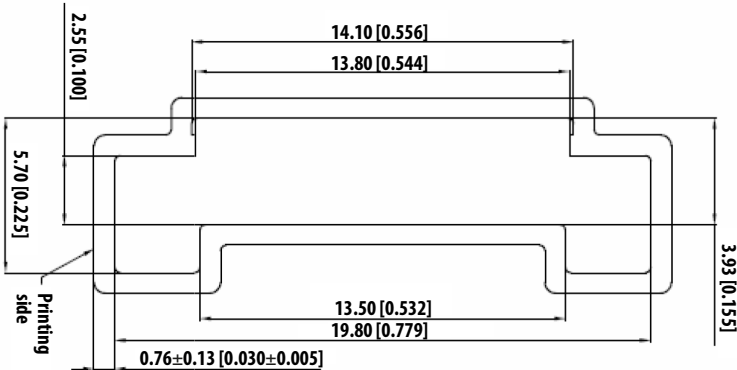
Broadcom uses shipping tubes in manufacturing plants and for transport and storage from the factory to customers. Shipping tubes also are used to feed devices into automatic placement machines for surface and through-hole board mounting. This data sheet covers all plastic optocouplers, including the solid state relay (photo MOSFET) product family shipping specifications.

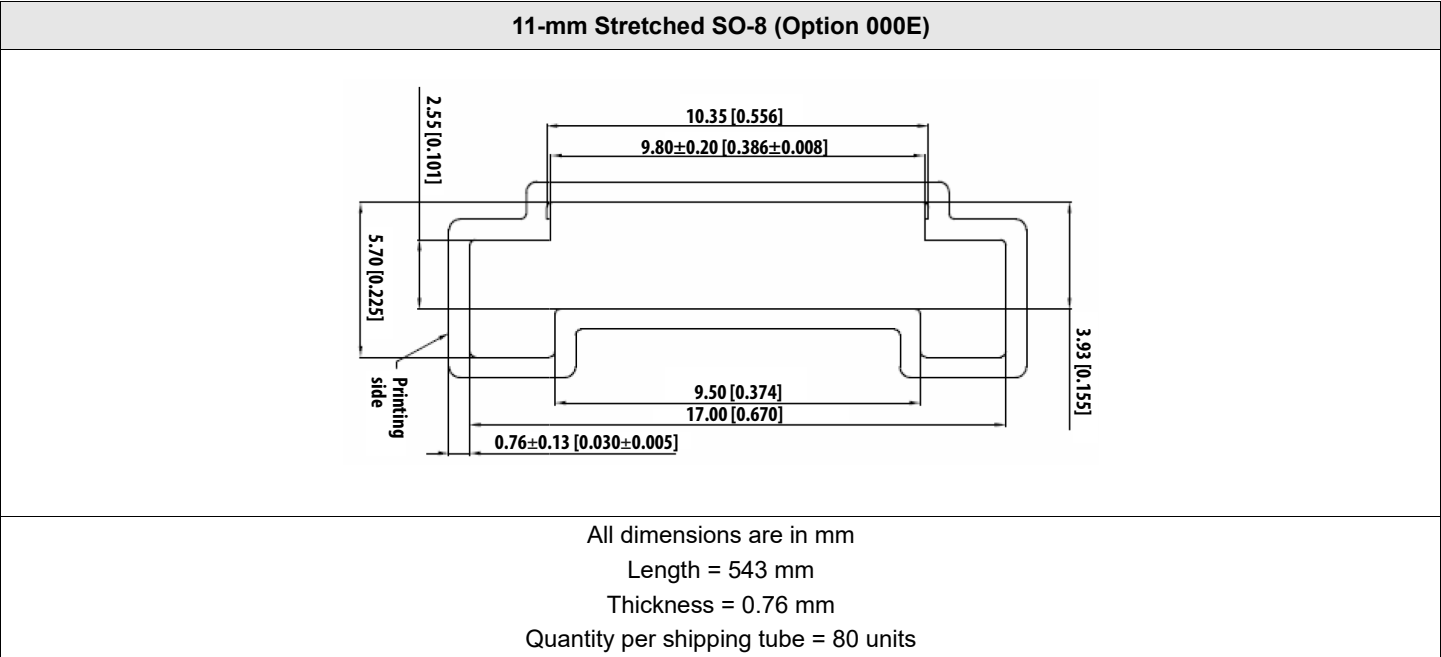
| SO-4 (Option 0xxE)                                                                                                                                                                                                                                                                                                                                                                            | SO-5 (Option 0xxE)                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>Diagram showing the cross-section of an SO-4 shipping tube. Dimensions: 4.8 mm (top width), 3.9 mm (left height), 2.5 mm (top flange height), 4.0 mm (bottom width), 9.1 mm (total width), 1.2 mm (right flange height).</p>                                                                             |  <p>Diagram showing the cross-section of an SO-5 shipping tube. Dimensions: 4.9 mm (top width), 8.0 mm (left height), 1.5 mm (top flange height), 3.2 mm (right flange height), 3.9 mm (bottom width), 8.8 mm (total width).</p>                  |
| <p>All dimensions are in mm<br/> Length = 444 mm<br/> Thickness = 0.6 mm<br/> Quantity per shipping tube = 100 units</p>                                                                                                                                                                                                                                                                      | <p>All dimensions are in mm<br/> Length = 386 mm<br/> Thickness = 0.5 mm<br/> Quantity per shipping tube = 100 units</p>                                                                                                                                                                                                             |
| SO-8 (Option 0xxE)                                                                                                                                                                                                                                                                                                                                                                            | Stretched SO-6, SO-8 (Option 0xxE)                                                                                                                                                                                                                                                                                                   |
|  <p>Diagram showing the cross-section of an SO-8 shipping tube. Dimensions: 4.0 mm (top width), 5.9 mm (left height), 3.8 mm (top flange height), 3.9 mm (inner width), 2.0 mm (right flange height), 3.5 mm (bottom width), 4.5 mm (inner width), 7.8 mm (total width), 1.6 mm (right flange height).</p> |  <p>Diagram showing the cross-section of a Stretched SO-6, SO-8 shipping tube. Dimensions: 7.1 mm (top width), 5.1 mm (left height), 3.8 mm (top flange height), 2.5 mm (right flange height), 6.3 mm (bottom width), 13.0 mm (total width).</p> |
| <p>All dimensions are in mm<br/> Length = 527 mm<br/> Thickness = 0.5 mm<br/> Quantity per shipping tube = 100 units</p>                                                                                                                                                                                                                                                                      | <p>All dimensions are in mm<br/> Length = 500 mm<br/> Thickness = 0.6 mm<br/> Quantity per shipping tube = 100 units for stretched SO-6<br/> Quantity per shipping tube = 80 units for stretched SO-8</p>                                                                                                                            |

|                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>Stretched SO-12 (Option 0xxE)</div> <div></div> <div><div>All dimensions are in mm</div><div>Length = 508 mm</div><div>Thickness = 0.6 mm</div><div>Quantity per shipping tube = 80 units</div></div>                                                                            | <div>SO-16, SO-24 (Option 0xxE)</div> <div></div> <div><div>All dimensions are in mm</div><div>Length = 505 mm</div><div>Thickness = 0.6 mm</div><div>Quantity per shipping tube = 45 units</div></div>          |
| <div>ACSL-xxxx SO-8, SO-16 (Option 0xxE)</div> <div></div> <div><div>All dimensions are in mm</div><div>Length = 525 mm</div><div>Thickness = 0.6 mm</div><div>Quantity per shipping tube = 100 units for SO-8</div><div>Quantity per shipping tube = 50 units for SO-16</div></div> | <div>300-mil DIP-6, DIP-8 (Option 0xxE)</div> <div></div> <div><div>All dimensions are in mm</div><div>Length = 508 mm</div><div>Thickness = 0.5 mm</div><div>Quantity per shipping tube = 50 units</div></div> |

|                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>300-mil DIP-6, DIP-8 (Option 3xxE)</div> <div></div> <div><div>All dimensions are in mm</div><div>Length = 508 mm</div><div>Thickness = 0.6 mm</div><div>Quantity per shipping tube = 50 units</div></div>     | <div>400-mil Widebody DIP-8 (Option 0xxE)</div> <div></div> <div><div>All dimensions are in mm</div><div>Length = 501 mm</div><div>Thickness = 0.8 mm</div><div>Quantity per shipping tube = 42 units</div></div>    |
| <div>400-mil Widebody DIP-8 (Option 3xxE)</div> <div></div> <div><div>All dimensions are in mm</div><div>Length = 501 mm</div><div>Thickness = 0.6 mm</div><div>Quantity per shipping tube = 42 units</div></div> | <div>500-mil Widebody DIP-10 (Option 0xxE)</div> <div></div> <div><div>All dimensions are in mm</div><div>Length = 505 mm</div><div>Thickness = 0.6 mm</div><div>Quantity per shipping tube = 50 units</div></div> |

| 500-mil Widebody DIP-10 (Option 3xxE)                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------|
|                                                             |
| <div>All dimensions are in mm</div> <div>Length = 505 mm</div> <div>Thickness = 0.6 mm</div> <div>Quantity per shipping tube = 50 units</div> |

| 15-mm Stretched SO-8 (Option 000E)                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                             |
| <div>All dimensions are in mm</div> <div>Length = 543 mm</div> <div>Thickness = 0.76 mm</div> <div>Quantity per shipping tube = 80 units</div> |



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