

Solder Sleeve FTLV

FTLV-SWT9551

RoHS-compliant shrinkable solder sleeves with internal solder ring and thermoplastic sealing rings.

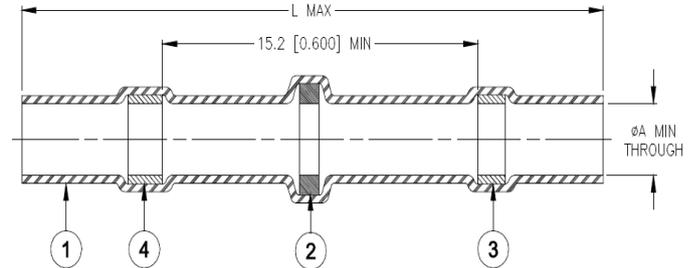
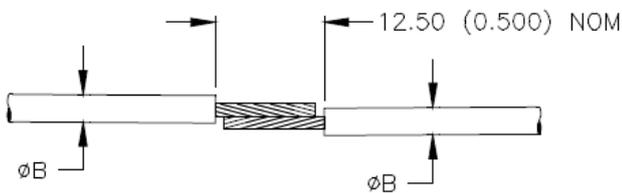
Application:

The FTLV heat-shrinkable solder sleeve provides a reliable, insulated, electrical connection in one operation. Due to its transparent heat shrinkable tube insulation, the solder joint can be monitoring at any time. Especially for shielding or cable connections.

Operating temperature: -55°C to +125°C

Shrink temperature: Heat-Shrink Tubing: Min. +100°C

Solder: Min. +138°C



Description	Product dimensions [mm]		Cable diameter [mm]		Cable cross section		Number of solder rings
	L max	ØA min	ØB min	ØB max	mm ² min	mm ² max	
FTLV-SWT9551-1 (clear)	26	1.7	0.4	1.7	0.3	0.8	1
FTLV-SWT9551-2 (red)	42	2.7	1.3	2.7	0.8	2.0	2
FTLV-SWT9551-3 (blue)	42	4.5	1.8	4.5	2.0	4.0	2
FTLV-SWT9551-4 (yellow)	42	6.0	2.8	6.0	4.0	6.0	2

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Construction

1. Radiation cross-linked transparent polyolefin heat-shrink tubing
2. Solder ring: Sn42Bi58
Soldering flux: ROM1
3. Fusible thermoplastic sealing ring

Processing notes:

The solder ring should be conduct with a hot air device (e.g. HG3000 SLE). To ensure uniform heating, we recommend an additional reflector attachment (e.g. HG3000RFL L1-9) for the hot air device.

The soldering connector is positioned over the area to be soldered and heated by hot air. This shrinks the insulating sheath to the cable diameter and the tin solder flows.