

# MultiLink - LEAD FREE

## Stepdown Butt Connectors

05/05/17



RoHS  
compliant

### NOTES:

#### BARE PART

1. MATERIAL: COPPER
2. FINISH: ELECTRO-TIN PLATE

#### SOLDER

1. 42SN / 58BI
2. 2 - 3% RMA FLUX COATING
3. 280° F (138° C) MELTING TEMPERATURE

#### TUBING

1. MULTIPLE WALL POLYOLEFIN
2. MELTABLE, INTEGRAL INNER WALL
3. 275° F (135° C) SHRINK TEMPERATURE
4. -67° F (-55° C) TO 230° F (110° C)  
CONTINUOUS OPERATING TEMP.
5. TENSILE STRENGTH: 2200 PSI
6. ULTIMATE ELONGATION: 400%
7. SECANT MODULUS, 2%: 27,000 PSI
8. SPECIFIC GRAVITY: 1.0
9. LONGITUDINAL CHANGE: +1, -10%
10. DIALECTIC STRENGTH: 900 V/MIL
11. VOLUME RESISTIVITY: 10<sup>19</sup> OHM-CM
12. NON-CORROSIVE
13. WATER ABSORPTION: 0.1%



Part #	AWG	Tubing Color	Barrel Band Colors	Barrel Seam	Solder Alloy (Melting Temp)	Tubing ID	Overall Length	
							Minimum	Maximum
MLF56-20	22-24 to 22-18	Red	White (small end) & Red (large end)	Seamless	50SN/32PB/18CD (293°F)	.186	1.327	1.607
MLF56-16	22-18 to 16-14	Blue	Red (small end) & Blue (large end)	Seamless	50SN/32PB/18CD (293°F)	.216	1.327	1.607
MLF56-14	16-14 to 12-10	Yellow	Blue (small end) & Yellow (large end)	Seamless	45SN/32PB/18CD/5BI (270°F-282°F)	.279	1.439	1.738
MLF56-10	12-10 to 8	Pink	Yellow (small end) & Red (large end)	Seamless	45SN/32PB/18CD/5BI (270°F-282°F)	.330	1.643	1.974

All dimensions are measured in inches except where noted.