

SOLDER GRIP END CONNECTOR - BUDGET

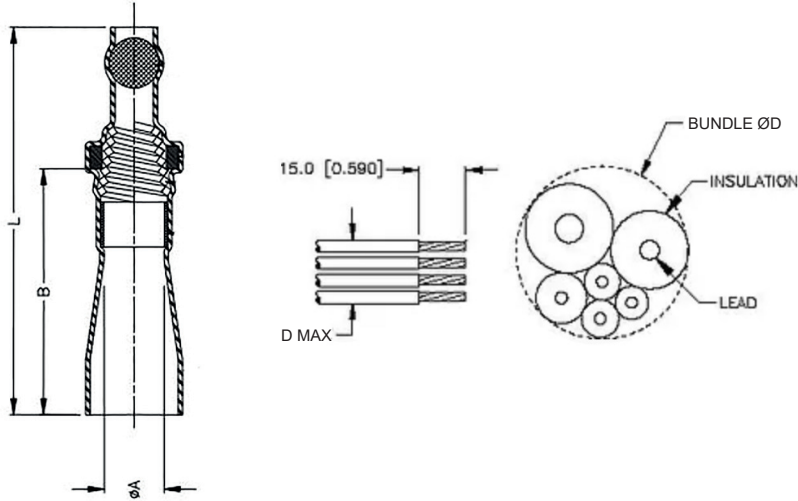
PART NR.
See dimensions table

COUNTRY OF ORIGIN
China

STANDARDS
Waterproof

- CHARACTERISTICS**
- Waterproof for wiring splices
 - Transparent sleeve provides visual inspection
 - High elasticity assures steady performance
 - Easy control of soldering process

PHOTO / TECHNICAL DRAWING



DIMENSIONS

Wire range	Part nr.	L	Ø A	B	Min bundle Ø	Max bundle Ø	UL
19~13 AWG 0,7~2,4 mm	SOEV 2.4	38	3,6	26	0,7	2,4	
14~12 AWG 2,0~4,0 mm	SOEV 4.0	38	5,0	26	2,0	4,0	
12~8 AWG 3,5~8,0 mm	SOEV 9.0	45	7,5	30	3,5	8,0	
8~6 AWG 7,5~12,0 mm	SOEV 15.0	45	9,4	30	7,5	12,0	

TECHNICAL SPECIFICATIONS

- | | |
|--------------------------|---|
| Insulation: | PVDF (polyvinylidene fluoride)
transparent blue, heat shrinkable,
radiation cross-linked modified with
melttable glue ring |
| Shrink ratio: | 2:1 |
| Solder ring: | With flux |
| Conical spring: | Square copper wire |
| Sealing insert: | Hot melt adhesive |
| End closure ball: | Tinted glass |
| Operating temperature: | -55~125 °C |
| Min. shrink temperature: | 200 °C |

Technical Data

Property	Specification Requirement	Test Method	Typical Value
Tensile strength	4.5N or more than outgoing line	NAS1745	passed
Corrosion Resistance (35°C 96hrs; 5%NaCl)	≤2.5MV	NAS1745	passed
Bronze Disease (121°C 16hrs)	anticorrosion	NAS1745	passed
Flame retardant	Self Extinguish in 5S	UL224	passed
Liquid Resistance (25°C 24hrs;soaking)	≥20MV	NAS1745	≥25MV
Protection type	-	IEC 60529	IP67
Voltage Drop	≤2MV	NAS1745	passed
Aging Strength (-65°C~155°C five cycle circulations)	≤2.5MV	NAS1745	passed
Vibration Resistance (70 to 2000HZ in 0.06"DA or 15G rush hours (1 hour in each direction))	≤2.5MV	NAS1745	passed
Dielectric strength	≥30kV/mm	ASTM D2671	≥32kV/mm