

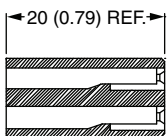
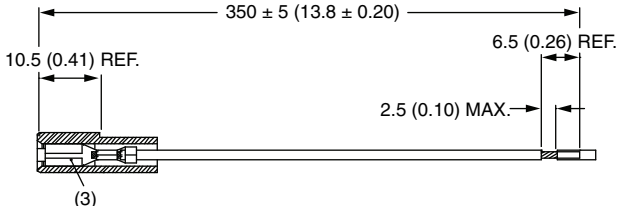
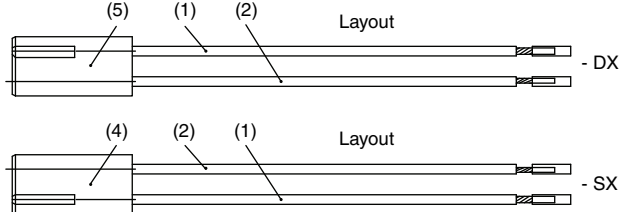
## Optional Hardware

### MT..KB SERIES

GATE LEADS in millimeters (inches)		
IDENT NO.	DEVICE SERIES	DESCRIPTION
VS-64432112AA	51, 91, 111MT..KB	2 DX connectors with yellow and white leads
VS-64432113AA	52, 92, 112MT..KB	1 SX + 1 DX connectors with yellow and white leads
VS-64432114AA	53, 93, 113MT..KB 54, 94, 104MT..KB	1 SX + 2 DX connectors with yellow and white leads

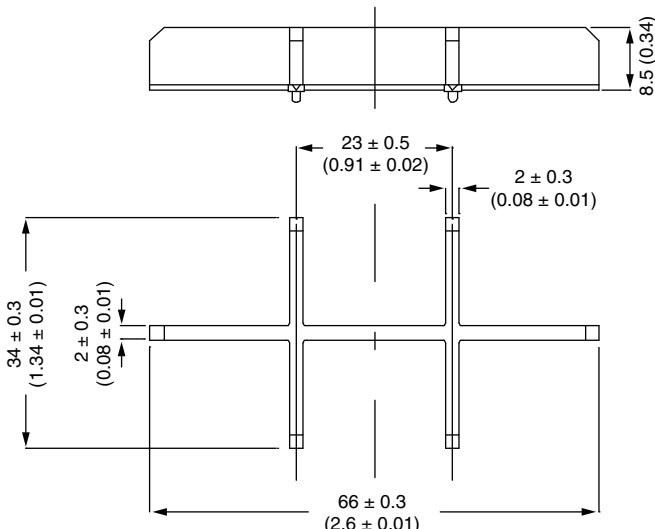
  

2 ways polarized connector housing, dimensional detail

#### Notes

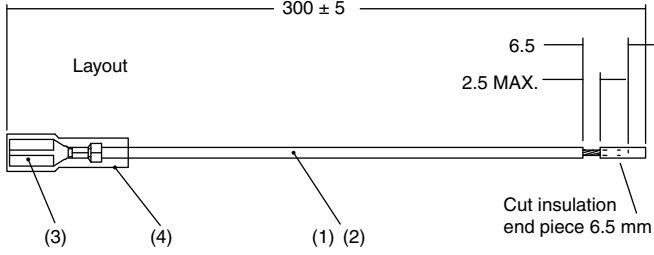
- (1) Tinned copper stranded cable, UL 758, style 1558, AWG 22 (0.32 mm<sup>2</sup>) lay 19 x 0.16 ETFE insulation yellow color, ext. dia. 1.25 mm, temperature rating 125 °C
- (2) Same as note (1), but with white color insulation. Concerning the configurations in which white cable is requested, it must be connected where is not placed the polarization key
- (3) Receptacle fast-on terminal with locking lance, for 2.8 x 0.8 tab (series 110) ref. PN. AMP 150571-2 or equivalent
- (4) 2 ways polarized connector housing, as shown on dimensional detail (the represented version refers to left "SX" connector housing)  
Raw material: PBT ciba crastine SK645FR, black color
- (5) Connector housing as note (4), right "DX" version

BARRIERS in millimeters (inches)	
	<p>Ident No. VS-64440211AA for all MT..KB Series</p> <p><b>Barriers mounting instructions</b></p> <p>Coat uniformly the groove on the plastic box with a silicon adhesive. Insert the barriers into the groove on the plastic box. Cure the silicon adhesive according to its technical notes. We suggest the use of DOW CORNING Silastic 744RTV (time curing 30 minutes at room temperature).</p>

## ADD-A-PAK SERIES

CATHODE AND GATE LEADS		
IDENT NO.	DEVICE SERIES	DESCRIPTION
VS-64432115AA	VSKT.. - VSKU.. - VSKV..	2 yellow gate leads + 2 red cathode leads
VS-64432116AA	VSKH.. - VSKL..	1 yellow gate lead + 1 red cathode lead
WITHOUT AUXILIARY CATHODE		
VS-64432117AA	VSKT..	2 yellow gate leads
VS-64432118AA	VSKH.. - VSKL..	1 yellow gate lead



300 ± 5

Layout

6.5

2.5 MAX.

(3) (4) (1) (2)

Cut insulation end piece 6.5 mm

### Notes

- (1) Tinned copper stranded cable, UL 758, style 1558, AWG 22 (0.32 mm<sup>2</sup>) lay 19 x 0.16 ETFE insulation yellow color, ext. dia. 1.25 mm, temperature rating 125 °C
- (2) Same as note (1), but with red color insulation
- (3) Receptacle fast-on terminal, for 2.8 x 0.8 tab (series 110) ref. PN. AMP 180420-2 or equivalent
- (4) Fast-on cover for receptacle terminal series 2.8 in nylon 66 material natural color, temperature 105 °C

## MAGN-A-PAK SERIES, SUPER MAGN-A-PAK SERIES

CATHODE AND GATE LEADS in millimeters (inches)		
IDENT NO.	DEVICE SERIES	DESCRIPTION
VS-64432119AA	VSKT.. - VSKU.. - VSKV..	1 SX + 1 DX connectors with red and yellow leads
VS-64432120AA	VSKH.. - VSKN..	1 SX connector with red and yellow leads
VS-64432121AA	VSKL.. - VSKK..	1 DX connector with red and yellow leads

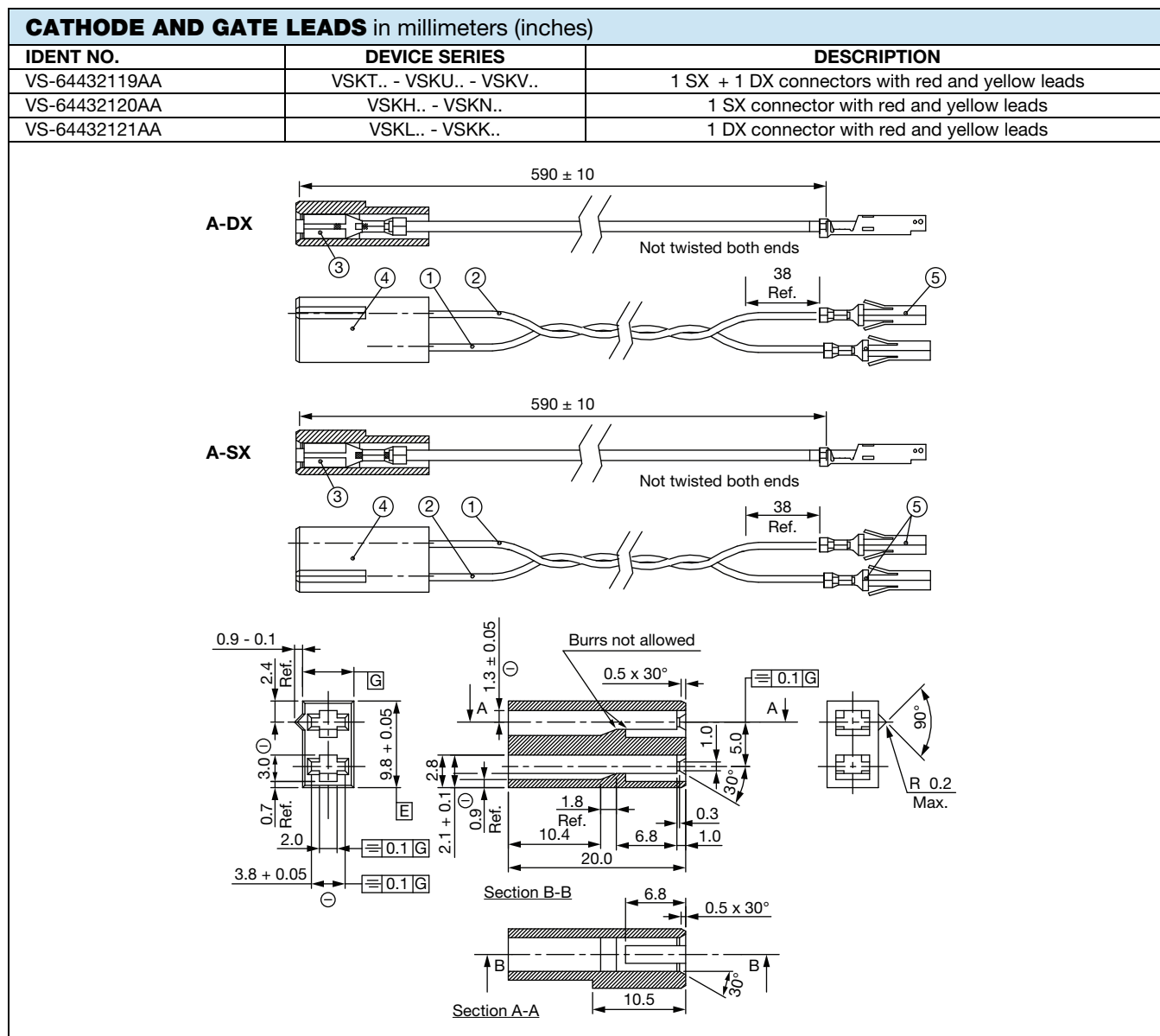
A-DX

A-SX

## Notes

- The component must be crimped and wired perfectly clean.
- Broken strands or rag grindings not allowed.
- The pre-stripping, without removal of the insulation from cable ending, should be made as shown on the drawing.
- Crimping must withstand a pull strength => 70 % of the tensile strength of the cable (crimping includes cable insulation grip).
- Burrs > 0.05 mm or loose flash not allowed
- 2 to 2.5 turns/inch
- Components:
  1. Tinned copper stranded cable UL 758, style 1587, 1671, 10319 AWG 20 (0.51 mm<sup>2</sup>) ETFE/ECTFE insulation white color, external diameter 1.47 mm, temperature rating 125 °C, spark test 3000 V.
  2. Same as point 1, but with red color insulation. Concerning the configurations in which red cable is requested, it must be connected where is placed the polarization key.
  3. Receptacle fast on terminal with locking lance, for 2.8 x 0.8 tab (series 110) ref. PN. AMP 150571-2 or equivalent.
    - 3.1. For IAP built with black plastic housing, receptacle fast-on terminal with locking lance, for 2.8 x 0.8 tab (series 110) ref. PN. AMP 150571-2 or equivalent.
    - 3.2. For IAP built with white plastic housing, receptacle fast-on terminal with locking lance, for 2.8 x 0.5 tab (series 110) ref. PN. AMP 42067-1 or equivalent.
  4. 2 ways polarized connector housing, as shown on dimensional detail (the represented version refers to right "DX" connection housing).  
Raw material: PBT Ciba Crastine SK645FR, white color.
  5. Female terminal Minit-Fit MOLEX 39-00-0038

### INT-A-PAK SERIES



#### Notes

- The component must be crimped and wired perfectly clean.
- Broken strands or rag grindings not allowed.
- The pre-stripping, without removal of the insulation from cable ending, should be made as shown on the drawing.
- Crimping must withstand a pull strength => 70 % of the tensile strength of the cable (crimping includes cable insulation grip).
- Burrs > 0.05 mm or loose flash not allowed
- 2 to 2.5 turns/inch
- Components:
  - Tinned copper stranded cable UL 758, style 1587, 1671, 10319 AWG 20 (0.51 mm<sup>2</sup>) ETFE/ECTFE insulation white color, external diameter 1.47 mm, temperature rating 125 °C, spark test 3000 V.
  - Same as point 1, but with red color insulation. Concerning the configurations in which red cable is requested, it must be connected where is placed the polarization key.
  - Receptacle faston terminal with locking lance, for 2.8 x 0.8 tab (series 110) ref. PN. AMP 150571-2 or equivalent.
  - For IAP built with black plastic housing, receptacle fast-on terminal with locking lance, for 2.8 x 0.8 tab (series 110) ref. PN. AMP 150571-2 or equivalent.
  - For IAP built with white plastic housing, receptacle fast-on terminal with locking lance, for 2.8 x 0.5 tab (series 110) ref. PN. AMP 42067-1 or equivalent.
  - 2 ways polarized connector housing, as shown on dimensional detail (the represented version refers to right "DX" connection housing).  
Raw material: PBT Ciba Crastine SK645FR, white color.
  - Female terminal Minit-Fit MOLEX 39-00-0038