

### GATE LEADS

| Ident No.    | Device Series                          | Description  |
|--------------|--|--|
| 6443.2112.AA | 51, 91, 111MT..KB                      | 2 DX connectors with yellow and white leads        |
| 6443.2113.AA | 52, 92, 112MT..KB                      | 1 SX + 1 DX connectors with yellow and white leads |
| 6443.2114.AA | 53, 93, 113MT..KB<br>54, 94, 104MT..KB | 1 SX + 2 DX connectors with yellow and white leads |

**Components**

- 1) Tinned copper stranded cable, UL 758, Style 1558, AWG 22 (0.32 sqmm) lay 19 x 0.16, ETFE insulation yellow colour, ext. dia. 1.25 mm, temp. rating 125°C.
- 2) Same as point 1, but with white colour insulation. Concerning the configurations in which white cable is requested, it must be connected where is not placed the polarization key.
- 3) Receptacle faston 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' conn. housing). Raw material: PBT Ciba Crastine SK645FR, black colour.
- 5) Connector housing as point 4), right 'DX' version.

2 ways polarized connector housing, dimensional detail.

Layout -DX

Layout -SX

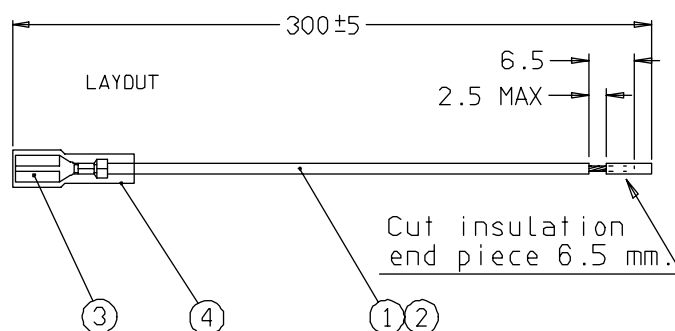
All dimensions are in millimeters (inches)

### BARRIERS

|  |   |
|--|---|
|  | <p><b>Ident No. 6444.0211.AA</b> 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 min. at room temperature).</p> <p>All dimensions are in millimeters (inches)</p> |
|--|---|

### CATHODE AND GATE LEADS

| Ident No.    | Device Series                    | Description                               |
|--------------|----------------------------------|---|
| 6443.2115.AA | IRKT.. - IRKU.. - IRKV..         | 2 yellow gate leads + 2 red cathode leads |
| 6443.2116.AA | IRKH.. IRKL..                    | 1 yellow gate leads + 1 red cathode leads |
|              | <b>Without auxiliary cathode</b> |   |
| 6443.2117.AA | IRKT..                           | 2 yellow gate leads                       |
| 6443.2118.AA | IRKH.. - IRKL..                  | 1 yellow gate lead                        |



#### COMPONENTS

- 1) Tinned copper stranded cable, UL 758, Style 1558, AWG 22 (0.32 sqmm) lay 19 x 0.16, ETFE insulation yellow colour, ext. dia. 1.25 mm temp. rating 125°C.
- 2) Same as point 1, but with red colour insulation.
- 3) Receptacle faston terminal, for 2.8 x 0.8 tab (series 110) ref. PN. AMP 180420-2 or equivalent.
- 4) Faston cover for receptacle terminal series 2.8 in Nylon 66 material natural colour, temp. 105°C.

## Optional Hardware MAGN-A-pak Series SUPER MAGN-A-pak Series

### CATHODE AND GATE LEADS

| Ident No.    | Device Series            | Description                                      |
|--------------|--------------------------|--|
| 6443.2119.AA | IRKT.. - IRKU.. - IRKV.. | 1 SX + 1 DX connectors with red and yellow leads |
| 6443.2120.AA | IRKH.. - IRKN..          | 1 SX connector with red and yellow leads         |
| 6443.2121.AA | IRKL.. - IRKK..          | 1 DX connector with red and yellow leads         |

Components

- 1) Tinned copper stranded cable, UL 758, Style 1558, AWG 22 (0.32 sqmm) lay 19 x 0.16, ETFE insulation yellow colour, ext. dia. 1.25 mm, temp. rating 125°C.
- 2) Same as point 1, but with white colour insulation. Concerning the configurations in which white cable is requested, it must be connected where is not placed the polarization key.
- 3) Receptacle faston 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' conn. housing). Raw material: PBT Ciba Crastine SK645FR, black colour.
- 5) Connector housing as point 4), right 'DX' version.

2 ways polarized connector housing, dimensional detail.

All dimensions are in millimeters (inches)

## CATHODE AND GATE LEADS

| Ident No.    | Device Series            | Description                                      |
|--------------|--------------------------|--|
| 6443.2119.AA | IRKT.. - IRKU.. - IRKV.. | 1 SX + 1 DX connectors with red and yellow leads |
| 6443.2120.AA | IRKH.. - IRKN..          | 1 SX connector with red and yellow leads         |
| 6443.2121.AA | IRKL.. - IRKK..          | 1 DX connector with red and yellow leads         |

Components

- 1) Tinned copper stranded cable, UL 758, Style 1558, AWG 22 (0.32 sqmm) lay 19 x 0.16, ETFE insulation yellow colour, ext. dia. 1.25 mm, temp. rating 125°C.
- 2) Same as point 1, but with white colour insulation. Concerning the configurations in which white cable is requested, it must be connected where is not placed the polarization key.
- 3) Receptacle faston 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' conn. housing). Raw material: PBT Ciba Crastine SK645FR, black colour.
- 5) Connector housing as point 4), right 'DX' version.

2 ways polarized connector housing, dimensional detail.

Layout -DX

Layout -SX

All dimensions are in millimeters (inches)

## SCREWS AND SPACERS

| Ident No. 6447.0266.AA for all INT-A-pak Series  |   |  |
|--|---|--|
| <p>CONICAL WASHER<br/>M6 DIN 6908</p> <p>STAMP PHILLIPS<br/>SIZE NR. 3<br/>DEPTH 3, 1-3, 4</p>                 |   | <p>3 Screws M6x1<br/>21 (0.82) Length</p> <p>3 Spacers</p> |
| <p>Screws</p> <p>M6x1 screws 21 (0.82) length</p> <p>Packaging: Polyethylene bag</p> <p>Quantity: 9 pieces</p> | <p>Spacers</p> <p>14.5 (0.57) Dia. 11 (0.43) thickness</p> <p>Packaging: Polyethylene bag</p> <p>Quantity: 9 pieces</p> |  |

All dimensions are in millimeters (inches)