

47712-000LF : 22-26 AWG .0048 SPG

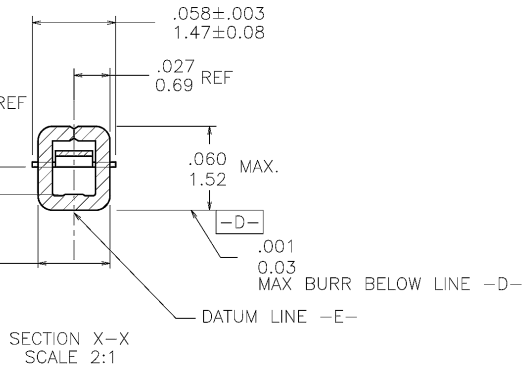
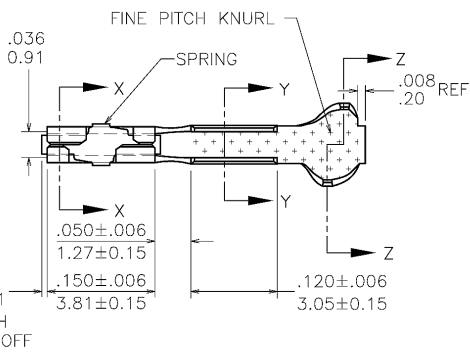


ACTIVE

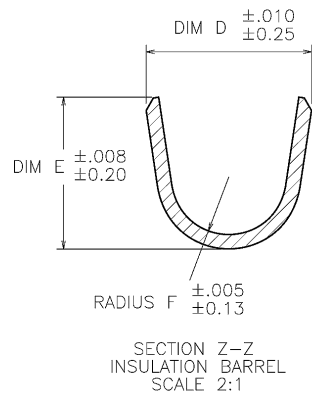
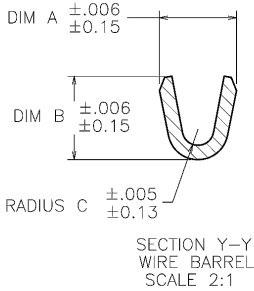
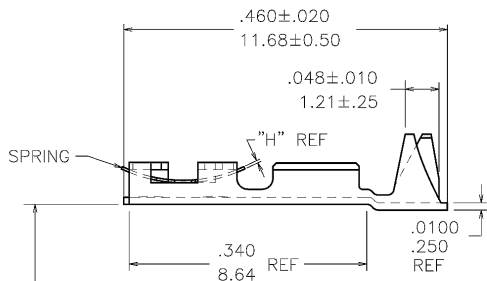
Electronics division



PRODUCT NUMBER
SEE SHEET 3



.020±.002
0.508±0.051
TAB LENGTH
AFTER CUT-OFF



NOTE 2
.003/0.076 E

| mat'l code | | | | surface | tolerance | projection | product family |
|------------|----------|-----|------------|---------------------------------------|--------------|------------|--------------------------|
| SEE TABLE | | | | | | | PV TERMINALS |
| lir | ecn no | dr | date | tolerances unless otherwise specified | | | title |
| AG | v07-0218 | HTB | 2007-03-16 | angles | linear | INCH/MM | MINI PV™ RECEPTACLE |
| AH | v08-0113 | HTB | 2008-03-26 | | | scale 5:1 | CRIMP TO WIRE |
| AJ | r08-0199 | HTB | 2008-04-16 | | | | dwg no |
| AK | f08-0189 | HTB | 2008-06-25 | dr | T. BREWBAKER | 2006-04-18 | sheet 1 of 6 |
| | | | | engr | T. BREWBAKER | 2006-04-18 | size |
| AE | v06-0197 | HTB | 2006-03-03 | chr | T. BREWBAKER | 2006-04-18 | 47212 |
| AF | v06-0303 | HTB | 2006-04-18 | appd | T. BREWBAKER | 2006-04-18 | A3 |
| sheet | revision | AK | AK | AK | AK | AK | type |
| index | sheet | 1 | 2 | 3 | 4 | 5 | Product Customer Drawing |

PDM: Rev:AK STATUS Released

PRODUCT NUMBER
SEE SHEET 3

| AWG RANGE | WIRE BARREL | | | INSULATION BARREL | | | |
|-----------|-------------|-----------|----------|---------------------------|-----------|-----------|-----------|
| | DIM A | DIM B | RADIUS C | INSULATION DIAMETER RANGE | DIM D | DIM E | RADIUS F |
| 18-20 | .104/2.64 | .104/2.64 | .021/.53 | .042/1.07-.103/2.62 | .139/3.53 | .120/3.05 | .050/1.27 |
| 22-26 | .070/1.78 | .070/1.78 | .017/.43 | .036/.91-.103/2.62 | .139/3.53 | .120/3.05 | .050/1.27 |
| 28-32 | .054/1.37 | .058/1.47 | .011/.28 | .028/.71-.054/1.37 | .115/2.92 | .105/2.67 | .040/1.02 |

NOTES:

1. TERMINAL MATES WITH $.025 \pm .002 / 0.64 \pm 0.05$ SQUARE OR ROUND PIN.
- ② WHEN MEASURED ALONG DATUM -E- WITHIN $.340 / 8.64$ REF DIM.
3. PRODUCT SPECIFICATION: BUS-12-067.
APPLICATION SPECIFICATIONS:
TA-75: TERMINAL DATA FOR USE WITH MINI LATCH HOUSING.
TA-146: TERMINAL DATA FOR CONTACTS NOT USED IN HOUSINGS.
TA-210: TERMINAL DATA FOR CONTACTS USED WITH MINI ROD HOUSINGS.
TA-228: APPLICATIONS USING 20 AWG WIRE.
TA-531: INSTALLING AND REMOVING TERMINALS.
- ④ PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
5. THIS PRODUCT IS NOT INTENDED TO BE EXPOSED TO MANUFACTURING SOLDERING PROCESSES.
- ⑥ THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS.



| | | | | | |
|-------------------------|----------------|---------|-----------|---------------------------------------|--------------------------------------|
| mat'l code SEE TABLE | | surface | tolerance | projection | product family PV TERMINALS |
| dir | ecm no | dr | date | tolerances unless otherwise specified | title |
| AK | | | | angles | MINI PV™ RECEPTACLE CRIMP TO WIRE |
| | | | | linear | |
| | | | | dr T. BREWBAKER 2006-04-18 | dwg no |
| | | | | engr T. BREWBAKER 2006-04-18 | sheet 2 of 6 |
| | | | | chr T. BREWBAKER 2006-04-18 | 47212 |
| | | | | appd T. BREWBAKER 2006-04-18 | size A3 |
| sheet index | revision sheet | | | scale 1:1 | type Product Customer Drawing |

PDM: Rev:AK STATUS Released

| MATERIAL & PLATING | | SPRING THICKNESS DIM H±.0005/0.012 | AWG RANGE | REELED NOTE 4 | LOOSE NOTE 4 | PLATING AVAILABILITY | | | | | | | |
|--|--------------|---------------------------------------|--------------|------------------|-----------------|----------------------|--------|------|--------|------|--------|------|------|
| 1/4 HARD BRASS BODY | Be/Cu SPRING | | | | | -000 | -000LF | -001 | -001LF | -002 | -002LF | | |
| UNDERPLATING: 50μ"/1.27μ Ni CONTACT AREA: 40μ"/1.02μ Au INSIDE BOX AREA: -000LF Au FLASH -001LF 8μ"/0.2μ Au -002LF 8μ"/0.2μ Au REMAINDER: -000LF Au FLASH -001LF 8μ"/0.2μ Au -002LF Au FLASH | Au FLASH | .0035/0.089 | 18-20 | 48276 | N/A | NO | NO | NO | NO | NO | YES | | |
| | | | 22-26 | 47457 | 47743 | NO | YES | NO | YES | NO | YES | | |
| | | | 28-32 | 47456 | 47742 | NO | YES | NO | YES | NO | YES | | |
| | | .0048/0.122 | 18-20 | 47441 | 47713 | NO | YES | NO | YES | NO | YES | | |
| | | | 22-26 | 47439 | 47712 | NO | YES | NO | YES | NO | YES | | |
| | | | 28-32 | 47437 | 47711 | NO | YES | NO | YES | NO | YES | | |
| | | .0058/0.147 | 18-20 | 94022 | 94025 | NO | NO | NO | NO | NO | NO | OBS. | |
| | | | 22-26 | 94023 | 94026 | NO | NO | NO | NO | NO | NO | OBS. | |
| | | | 28-32 | 94024 | 94027 | NO | NO | NO | NO | NO | NO | OBS. | |
| | | .0065/0.165 | 18-20 | 47566 | 47746 | NO | YES | NO | YES | NO | YES | | |
| | | | 22-26 | 47565 | 47745 | NO | YES | NO | YES | NO | YES | | |
| | | | 28-32 | 47564 | 47744 | NO | YES | NO | YES | NO | YES | | |
| | | DISCONTINUED | | | | 48191 | 48194 | | | | | | |
| | | DISCONTINUED | | | | 48192 | 48195 | | | | | | |
| | | DISCONTINUED | | | | 48193 | 48196 | | | | | | |
| UNDERPLATING: 50μ"/1.27μ Ni CONTACT AREA: 75μ"/1.91μ Au INSIDE BOX AREA: -000LF Au FLASH -001LF 75μ"/1.91μ Au -002LF 30μ"/0.76μ Au REMAINDER: -000LF Au FLASH -001LF 75μ"/1.91μ Au -002LF 15μ"/0.38μ Au | Au FLASH | .0035/0.089 | 18-20 | 47785 | 48014 | NO | YES | NO | NO | NO | NO | | |
| | | | 22-26 | 47784 | 48015 | NO | NO | NO | NO | NO | NO | NO | OBS. |
| | | | 28-32 | 47783 | 48013 | NO | NO | NO | NO | NO | NO | NO | OBS. |
| | | .0048/0.122 | 18-20 | 47220 | 47767 | NO | NO | NO | NO | NO | NO | NO | OBS. |
| | | | 22-26 | 47216 | 47706 | NO | YES | NO | NO | NO | NO | NO | |
| | | | 28-32 | 47212 | 47705 | NO | YES | NO | NO | NO | NO | NO | |
| | | .0058/0.147 | 18-20 | 94028 | 94031 | NO | NO | NO | NO | NO | NO | NO | OBS. |
| | | | 22-26 | 94029 | 94032 | NO | NO | NO | NO | NO | NO | NO | OBS. |
| | | | 28-32 | 94030 | 94033 | NO | NO | NO | NO | NO | NO | NO | OBS. |

| | | | | | |
|-------------|----------------|---------|-----------|---------------------------------------|--------------------------------------|
| mat'l code | SEE TABLE | surface | tolerance | projection | product family |
| dir | ecrn no | dr | date | tolerances unless otherwise specified | title |
| AK | | | | angles linear | MINI PV™ RECEPTACLE CRIMP TO WIRE |
| | | | | dr T. BREWBAKER 2006-04-18 | dwg no 47212 sheet 4 of 6 size A3 |
| | | | | engr T. BREWBAKER 2006-04-18 | type Product Customer Drawing |
| | | | | chr T. BREWBAKER 2006-04-18 | |
| | | | | appd T. BREWBAKER 2006-04-18 | |
| sheet index | revision sheet | | | | |

PDM: Rev:AK STATUS Released