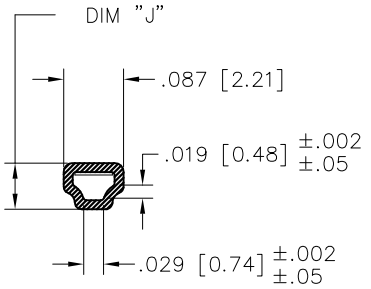
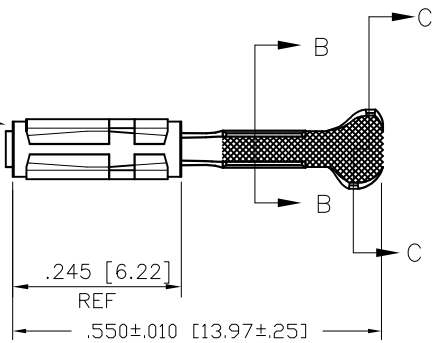
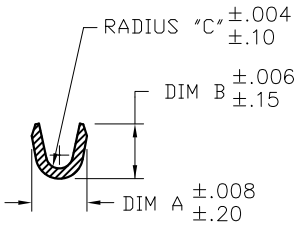
PRODUCT NUMBER
SEE TABLE



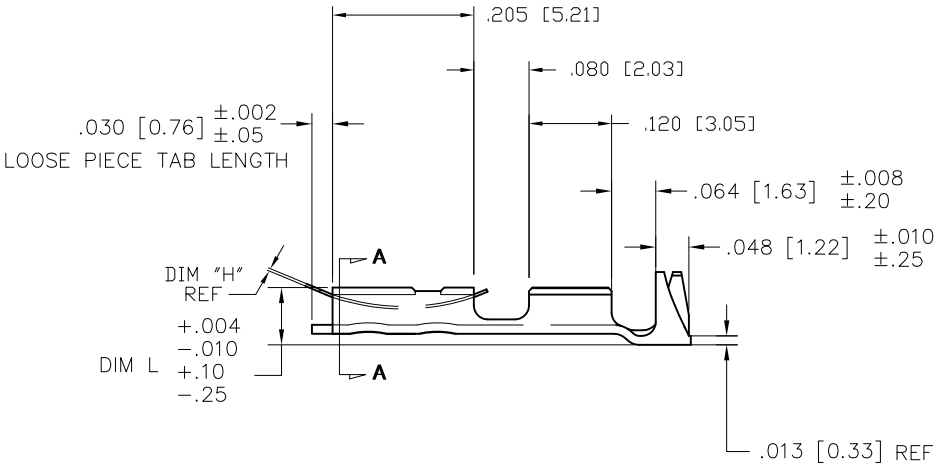
SECTION A–A

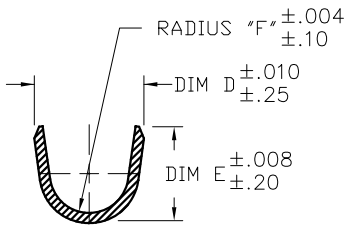
SIDES OF SPRING MAY NOT EXTEND BEYOND SIDE OF TERMINAL MORE THAN .004/.10





SECTION B–B
(N.T.S.)





SECTION C–C
(N.T.S.)

mat'l. code	surface	tolerance	projection	product family
SEE TABLE	√			PV TERMINALS

ltr	ecn no	dr	date
AA	V08-0113	HTB	2008-03-28
AB	V08-0510	HTB	2008-12-02
AC	V11-0038	HTB	2011-10-11
–	–	–	-
W	V06-0218	HTB	2006-03-07
X	V06-0303	HTB	2006-04-18
Y	V07-0218	HTB	2007-03-16

tolerances unless otherwise specified
angles
linear .XX±.01/.X±.3 XXX±.005/.XX±.13 .XXXX±.0020/.XXX±.051
INCH/MM
scale 4:1

dr	T. BREWBAKER	2006-04-18
engr	T. BREWBAKER	2006-04-18
chr	T. BREWBAKER	2006-04-18
appd	T. BREWBAKER	2006-04-18

sheet index	revision	AC	AC	AC
	sheet	1	2	3

title: MAXI PV™ RECEPTACLE CRIMP TO WIRE
dwg no: 46220
sheet 1 of 3
size: A3
type: Product Customer Drawing

PDM: Rev:AC STATUS Released Printed: Jul 14, 2012

PRODUCT NUMBER		AWG RANGE	MATERIAL AND PLATING		SPRING THICKNESS		BODY			
					DIM H		DIM J		DIM L	
REELED	LOOSE PC.		BODY : 1/4 HD BRASS	SPRING : BE–CU HEAT TREATED	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC
46220–000	46224–000	OBSOLETE								
46230–000	46234–000									
46240–000	46244–000									
46221–000LF	46225–000LF	18–20	40μ"/1.02μm MIN GOLD OVER	GOLD FLASH	0.0058	0.147	0.067	1.70	0.083	2.11
46231–000LF	46235–000LF	22–26	50μ"/1.27μm MIN NICKLE IN		0.0058	0.147	0.067	1.70	0.083	2.11
46241–000	46245–000	~~28–32~~	OBS. CONTACT AREA (NOTE 4)		OBSOLETE					
46222–000LF	47418–000LF	OBSOLETE								
46232–000LF	47419–000LF									
46242–000	47420–000									
46223–000LF	47387–000LF	OBSOLETE								
46233–000LF	47384–000LF									
46243–000	47403–000									
46226–000LF	46227–000LF	18–20	40μ"/1.02μm MIN GOLD OVER	GOLD FLASH	0.0048	0.122	0.067	1.70	0.083	2.11
46236–000LF	46237–000LF	22–26	50μ"/1.27μm MIN NICKLE IN		0.0048	0.122	0.067	1.70	0.083	2.11
46246–000	46247–000	~~28–32~~	OBS. CONTACT AREA (NOTE 4)		OBSOLETE					
46228–000	46229–000	OBSOLETE								
46238–000	46239–000									
46248–000	46249–000									
46580–000	46581–000									
46590–000	46591–000									
46600–000	46601–000									
47388–000	47391–000									
47389–000	47392–000									
47390–000	47393–000									
47612–000										
47613–000										
47614–000										
47621–000										
47622–000										
47653–000										
47733–000										
47734–000										
47735–000										
47736–000	46582–000									
47737–000	46592–000									
47738–000	46602–000									
48188–000	48189–000									

SEE SHEET 3 FOR PRODUCTS WITH LEAD–FREE TIN PLATING.

mat'l. code: SEE TABLE	surface	tolerance	projection
ltr: AC	tolerances unless otherwise specified: linear .XX±.01/.X±.3, .XXX±.005/.XX±.13, .XXXX±.0020/.XXX±.051; angles		INCH/MM; scale 1:1
dr	T. BREWBAKER	2006-04-18	
engr	T. BREWBAKER	2006-04-18	
chr	T. BREWBAKER	2006-04-18	
appd	T. BREWBAKER	2006-04-18	

product family: PV TERMINALS

title: MAXI PV™ RECEPTACLE CRIMP TO WIRE

dwg no: 46220 — sheet 2 of 3 — size A3

type: Product Customer Drawing

sheet index | revision sheet

PRODUCT NUMBER		AWG RANGE	MATERIAL AND PLATING		SPRING THICKNESS DIM H		BODY DIM J		BODY DIM L	
REELED	LOOSE PC.		BODY : 1/4 HD BRASS	SPRING : BE-CU HEAT TREATED	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC
46580-000LF	46581-000LF	OBSOLETE								
46590-000LF	46591-000LF									
46600-000LF	46601-000LF									
47388-000LF	47391-000LF	18-20	HOT DIPPED TIN (NOTE 7)	TIN PLATED	0.0058	0.147	0.067	1.70	0.083	2.11
47389-000LF	47392-000LF	22-26			0.0058	0.147	0.067	1.70	0.083	2.11
47390-000LF	47393-000LF	28-32			0.0058	0.147	0.067	1.70	0.083	2.11
47736-000LF	46582-000LF	18-20	HOT DIPPED TIN (NOTE 7)	TIN PLATED	0.0048	0.122	0.067	1.70	0.083	2.11
47737-000LF	46592-000LF	22-26			0.0048	0.122	0.067	1.70	0.083	2.11
47738-000LF	46602-000LF	28-32			0.0048	0.122	0.067	1.70	0.083	2.11

AWG RANGE	WIRE BARREL DIM A	DIM A	DIM B	DIM B	DIM C	DIM C	INSULATION BARREL: INSULATION DIA. RANGE FOR DISCRETE TERMINALS		INSULATION DIA. RANGE WHEN USED WITH MAXI LATCH HSG.		DIM D	DIM D	DIM E	DIM E	DIM F	DIM F
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC
18-20	0.110	2.79	0.110	2.79	0.021	0.53	0.042 - 0.103	1.07 - 2.62	0.042 - 0.060	1.07 - 1.52	0.139	3.53	0.123	3.12	0.050	1.27
22-26	0.070	1.78	0.070	1.78	0.017	0.43	0.036 - 0.103	0.91 - 2.62	0.036 - 0.060	0.91 - 1.52	0.139	3.53	0.123	3.12	0.050	1.27
28-30	0.054	1.37	0.058	1.47	0.011	0.28	0.028 - 0.054	0.71 - 1.37	0.028 - 0.054	0.71 - 1.37	0.115	2.92	0.110	2.79	0.040	1.02

NOTES:

1. FOR DIMENSIONS OF WIRE BARREL AND INSULATION BARREL SEE TABLE.
2. PART TO MATE WITH .025±.002 [0.64±0.05] SQ. PIN.
3. APPLICABLE SPECIFICATIONS:
   A) BUS-12-096 : PRODUCT SPECIFICATION
   B) TA-213 : CRIMP SPECIFICATION FOR TERMINALS USED WITH MAXI-LATCH HOUSINGS.
   C) TA-356 : CRIMP SPECIFICATION FOR CONTACTS NOT USED IN HOUSINGS.
4. FINISH TO BE AS SPECIFIED IN CONTACT AREA. REMAINDER OF TOP OF PART TO BE GOLD FLASH OVER 50μ"/1.27μm NICKEL. BACKSIDE OF TERMINALS PLATED WITH 30μ"/0.76μm NICKEL ONLY.
5. PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
6. THIS PRODUCT IS NOT INTENDED TO BE EXPOSED TO MANUFACTURING SOLDER PROCESSES.
7. 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

ltr	ecn no	dr	date
AC			

tolerances unless otherwise specified
angles
linear .XX±.01/.X±.3 .XXX±.005/.XX±.13 .XXXX±.0020/.XXX±.051
INCH/MM
scale 1:1

title MAXI PV^{TM} RECEPTACLE CRIMP TO WIRE

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dwg no 46220
sheet 3 of 3
size A3
type Product Customer Drawing

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form: A3