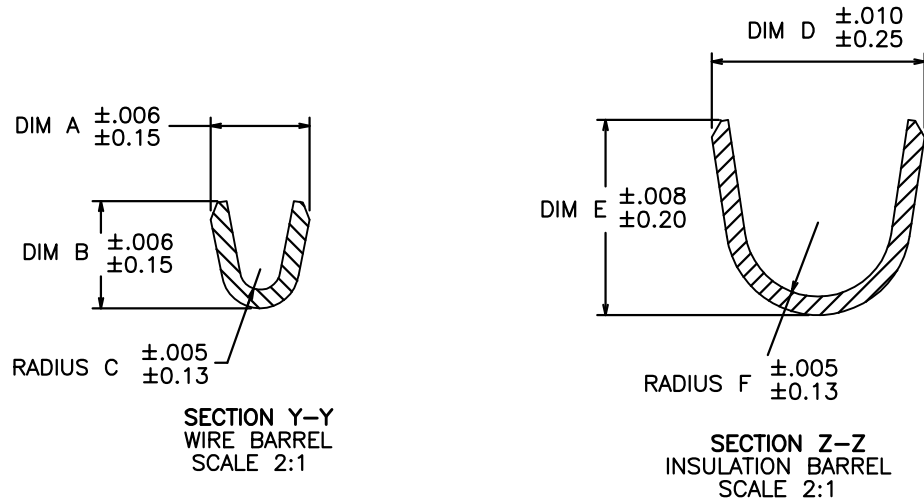
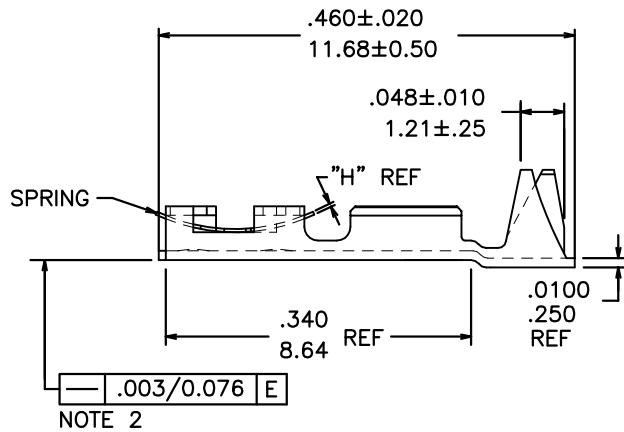
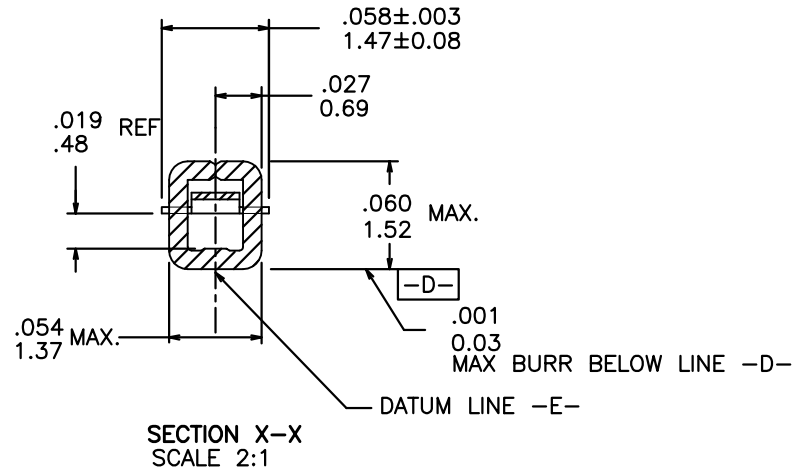
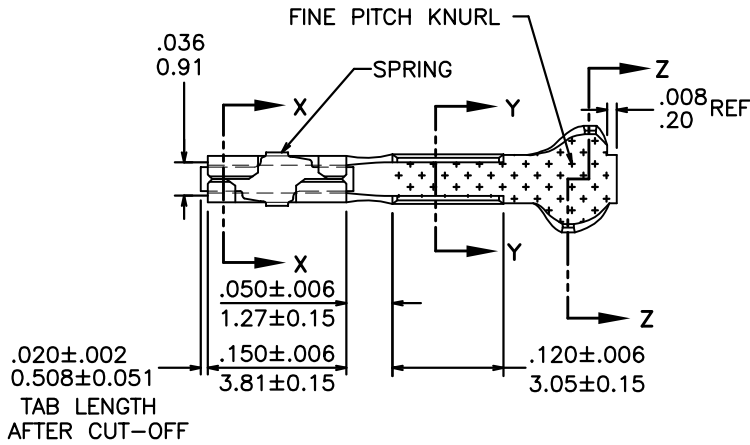


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PRODUCT NUMBER
SEE SHEET 3



NOTE 2

mat'l. code SEE TABLE		tolerances unless otherwise specified				CUSTOMER COPY		 www.fciconnect.com			
ltr	ecn no	dr	date	linear	.XX ±.01/.X±.3	 INCH/MM scale 5:1		title MINI PV™ RECEPTACLE CRIMP TO WIRE product family PV TERMINALS size dwg no A 47212			
W	V51008	LSS	9/1/95		.XXX ±.005/.XX±.13					code	213
X	V60632	EPK	5/10/96		.XXX ±.0020/.XXX±.051					sheet	1 of 6
Y	V61310	EPK	10/15/96	angles	0° ±2°						
AA	V05-0266	HTB	3/22/05	dr	P. PARSONS	6/4/93					
AB	V05-0447	HTB	5/12/05	enr	T. HANNA	6/4/93					
AC	V05-0517	HTB	5/24/05	chr	T. BREWBAKER	6/4/93					
AD	V05-0530	HTB	5/31/05	appd	T. HANNA	6/4/93					
sheet	revision	AD	AD	AD	AD	AD	AD				
index	sheet	1	2	3	4	5	6				

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PDM: Rev:AD

STATUS: Released

Printed: Sep 22, 2005

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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±.002/0.64±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, TA-146, TA-210, TA-228, TA-295, TA-302, AND TA-328.
- ④ ADD AN LF SUFFIX TO PART NUMBERS FOR PRODUCT THAT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008. NOT AVAILABLE FOR TIN-LEAD PRODUCT.
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.

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ltr	ecn no	dr	date	linear	.XX ±.01/.X±.3	projection		
AD					.XXX ±.005/.XX±.13			
					.XXX ±.0020/.XXX±.051			
				angles	0° ±2°	 INCH/MM	 scale 1:1	
				dr	P. PARSONS 6/3/93			product family PV TERMINALS size dwg no A 47212
				enr	T. HANNA 6/3/93			
				chr	T. BREWBAKER 6/3/93			
				appd	T. HANNA 6/3/93			
sheet index	revision sheet							

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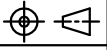
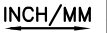
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B

MATERIAL & PLATING		SPRING THICKNESS DIM H±.0005/0.012	AWG RANGE	REELED NOTE 4	LOOSE-PIECE NOTE 4	PLATING AVAILABILITY		
1/4 HARD BRASS BODY	Be/Cu SPRING					-000	-001	-002
UNDERPLATING: 50µ"/1.27µ Ni CONTACT AREA: 15µ"/0.38µ Au INSIDE BOX AREA: -000 Au FLASH -001 15µ"/0.38µ Au -002 6µ"/0.15µ Au REMAINDER: -000 Au FLASH -001 15µ"/0.38µ Au -002 Au FLASH	Au FLASH	.0035/0.089	18-20	48241-000	48250-000	YES	NO	NO
			22-26	48242-000	48251-000	YES	NO	NO
			28-32	48243-000	48252-000	YES	NO	NO
		.0048/0.122	18-20	48244-000	48253-000	YES	NO	NO
			22-26	48245-00Y	48254-00Y	YES	NO	YES*
			28-32	48246-000	48255-000	YES	NO	NO
		.0058/0.147	18-20	94011-000	94014-000	YES	NO	NO
			22-26	94012-000	94015-000	YES	NO	NO
			28-32	94013-000	94016-000	YES	NO	NO
		.0065/0.165	18-20	48247-00Y	48256-00Y	YES	NO	YES*
			22-26	48248-00Y	48257-00Y	YES	NO	YES*
			28-32	48249-000	48258-000	YES	NO	NO
UNDERPLATING: 50µ"/1.27µ Ni CONTACT AREA: 30µ"/0.76µ Au INSIDE BOX AREA: -000 Au FLASH -001 30µ"/0.76µ Au -002 20µ"/0.50µ Au REMAINDER: -000 Au FLASH -001 30µ"/0.76µ Au -002 8µ"/0.20µ Au	Au FLASH	.0035/0.089	18-20	48231-000	48266-000	YES	NO	NO
			22-26	48049-00Y	48235-00Y	YES	NO	YES
			28-32	48048-00Y	48238-00Y	YES	NO	YES
		.0048/0.122	18-20	48047-00Y	48232-00Y	YES	NO	YES
			22-26	48046-00Y	48234-00Y	YES	NO	YES
			28-32	48045-00Y	48237-00Y	YES	YES	YES
		.0058/0.147	18-20	94017-000	94019-000	YES	NO	NO
			22-26	94018-000	94020-000	YES	NO	NO
			28-32	93259-000	94021-000	YES	NO	NO
		.0065/0.165	18-20	48052-00Y	48233-00Y	YES	NO	YES*
			22-26	48051-00Y	48236-00Y	YES	NO	YES
			28-32	48050-00Y	48239-00Y	YES	NO	YES

* LOOSE PIECE NOT AVAILABLE

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ltr	ecn no	dr	date	linear	.XX ±.01/.X±.3	projection	
AD					.XXX ±.005/.XX±.13		
				angles	.XXX ±.0020/.XXX±.051	MINI PV™ RECEPTACLE CRIMP TO WIRE	
				dr	0° ±2°		
				enr	P. PARSONS 6/3/93	product family PV TERMINALS	
				chr	T. HANNA 6/2/93	size	code
				appd	T. BREWBAKER 6/3/93	dwg no	213
					T. HANNA 6/3/93	scale	sheet
						1:1	3 of 6
sheet index	revision sheet						

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

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MATERIAL & PLATING		SPRING THICKNESS DIM H±.0005/0.012	AWG RANGE	REELED NOTE 4	LOOSE-PIECE NOTE 4	PLATING AVAILABILITY		
1/4 HARD BRASS BODY	Be/Cu SPRING					-000	-001	-002
UNDERPLATING: 50µ"/1.27µ Ni CONTACT AREA: 40µ"/1.02µ Au INSIDE BOX AREA: -000 Au FLASH -001 40µ"/1.02µ Au -002 30µ"/0.76µ Au REMAINDER: -000 Au FLASH -001 40µ"/1.02µ Au -002 15µ"/0.38µ Au	Au FLASH	.0035/0.089	18-20	48276-000	_____	YES	NO	NO
			22-26	47457-00Y	47743-00Y	YES	YES	YES
			28-32	47456-00Y	47742-00Y	YES	YES	YES
		.0048/0.122	18-20	47441-00Y	47713-00Y	YES	YES	YES
			22-26	47439-00Y	47712-00Y	YES	YES	YES
			28-32	47437-00Y	47711-00Y	YES	YES	YES
		.0058/0.147	18-20	94022-000	94025-000	YES	NO	NO
			22-26	94023-000	94026-000	YES	NO	NO
			28-32	94024-000	94027-000	YES	NO	NO
		.0065/0.165	18-20	47566-00Y	47746-00Y	YES	YES	YES
			22-26	47565-00Y	47745-00Y	YES	YES	YES
			28-32	47564-00Y	47744-00Y	YES	YES	YES
DISCONTINUED				48191-00Y	48194-00Y			
DISCONTINUED				48192-00Y	48195-00Y			
DISCONTINUED				48193-00Y	48196-00Y			
UNDERPLATING: 50µ"/1.27µ Ni CONTACT AREA: 75µ"/1.91µ Au INSIDE BOX AREA: -000 Au FLASH -001 75µ"/1.91µ Au -002 30µ"/0.76µ Au REMAINDER: -000 Au FLASH -001 75µ"/1.91µ Au -002 15µ"/0.38µ Au	Au FLASH	.0035/0.089	18-20	47785-000	48014-000	YES	NO	NO
			22-26	47784-000	48015-000	YES	NO	NO
			28-32	47783-00Y	48013-00Y	YES	YES	NO
		.0048/0.122	18-20	47220-000	47707-000	YES	NO	NO
			22-26	47216-00Y	47706-00Y	YES	YES	NO
			28-32	47212-0XX	47705-00Y	YES	YES	NO
		.0058/0.147	18-20	94028-000	94031-000	YES	NO	NO
			22-26	94029-000	94032-000	YES	NO	NO
			28-32	94030-000	94033-000	YES	NO	NO

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AD					.XXX ±.005/.XX±.13			
					.XXX ±.0020/.XXX±.051			
				angles	0° ±2°	INCH/MM	title MINI PV™ RECEPTACLE CRIMP TO WIRE	
		dr	M. CLOUSER	7/31/95		product family	PV TERMINALS	
		enr	T. HANNA	7/31/95		size	dwg no	
		chr	T. BREWBAKER	7/31/95		A	47212	
		appd	T. HANNA	7/31/95	scale			1:1
sheet index	revision sheet						sheet 4 of 6	

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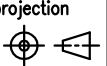
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MATERIAL & PLATING		SPRING THICKNESS DIM H±.0005/0.012	AWG RANGE	REELED NOTE 4	LOOSE-PIECE NOTE 4	PLATING AVAILABILITY		
1/4 HARD BRASS BODY	Be/Cu SPRING					-000	-001	-002
PRE-PLATED: UNDERPLATING: 50μ"/1.27μ Ni OVERPLATING: 100-200μ"/2.54-5.08μ 60/40 TIN LEAD "LF NOT AVAILABLE" SEE LEAD-FREE EQUIVALENTS BELOW	Sn PLATED	.0035/0.089	22-26	47445-000	47747-000	YES	NO	NO
			28-32	47446-000	47748-000	YES	NO	NO
		.0048/0.122	18-20	47221-000	47716-000	YES	NO	NO
			22-26	47217-000	47715-000	YES	NO	NO
		.0058/0.147	18-20	94034-000	94037-000	YES	NO	NO
			22-26	94035-000	94038-000	YES	NO	NO
		.0065/0.165	18-20	47648-000	47749-000	YES	NO	NO
			22-26	47649-000	47750-000	YES	NO	NO
		.0065/0.165	28-32	47650-000	47751-000	YES	NO	NO
			.0035/0.089	22-26	47445-000LF	47747-000LF	YES	NO
		28-32		47446-000LF	47748-000LF	YES	NO	NO
		.0048/0.122	18-20	47221-000LF	47716-000LF	YES	NO	NO
22-26	47217-000LF		47715-000LF	YES	NO	NO		
.0058/0.147	18-20	94034-000LF	94037-000LF	YES	NO	NO		
	22-26	94035-000LF	94038-000LF	YES	NO	NO		
.0065/0.165	28-32	94036-000LF	94039-000LF	YES	NO	NO		
	18-20	47648-000LF	47749-000LF	YES	NO	NO		
.0065/0.165	22-26	47649-000LF	47750-000LF	YES	NO	NO		
	28-32	47650-000LF	47751-000LF	YES	NO	NO		

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AD					.XXX ±.005/.XX±.13			title MINI PV™ RECEPTACLE CRIMP TO WIRE
					.XXX ±.0020/.XXX±.051			
				angles	0° ±2°	INCH/MM	code	
				dr	M. CLOUSER 7/31/95	scale	213	
				enr	T. HANNA 7/31/95	1:1	sheet	
				chr	T. BREWBAKER 7/31/95	A	5 of 6	
				appd	T. HANNA 7/31/95			
sheet index	revision sheet							

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MATERIAL & PLATING		SPRING THICKNESS DIM H±.0005/0.012	AWG RANGE	REELED NOTE 4	LOOSE-PIECE NOTE 4
1/4 HARD BRASS BODY	Be/Cu SPRING				
UNDERPLATING: 50u"1.27u Ni CONTACT AREA: 30u"0.76u GXT INSIDE BOX AREA: -600 Au FLASH REMAINDER: -600 Au FLASH	Au FLASH	.0035/0.089	18-20	48231-600	48266-600
			22-26	48049-600	48235-600
			28-32	48048-600	48238-600
		.0048/0.122	18-20	48047-600	48232-600
			22-26	48046-600	48234-600
			28-32	48045-600	48237-600
		.0058/0.147	18-20	94017-600	94019-600
			22-26	94018-600	94020-600
			28-32	93259-600	94021-600
		.0065/0.165	18-20	48052-600	48233-600
			22-26	48051-600	48236-600
			28-32	48050-600	48239-600

mat'l. code		tolerances unless otherwise specified		CUSTOMER COPY		 www.fciconnect.com	
ltr	ecn no	dr	date	linear	.XX ±.01/.XX±.3	projection	
AD					.XXX ±.005/.XX±.13		
				angles	.XXX ±.0020/.XXX±.051		title MINI PV™ RECEPTACLE CRIMP TO WIRE
				dr	0° ±2°		
				dr	T. BREWBAKER 5/12/05	INCH/MM	product family PV TERMINALS
				enr	T. BREWBAKER 5/12/05	scale	code 213
				chr	T. BREWBAKER 5/12/05	1:1	sheet 6 of 6
				appd	T. BREWBAKER 5/12/05	A	47212
sheet index	revision sheet						

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