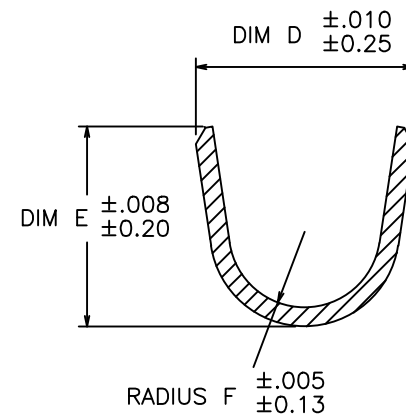
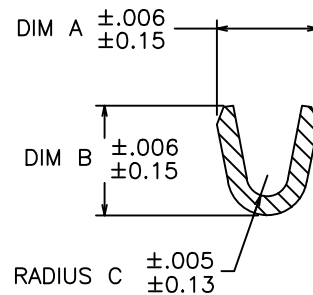
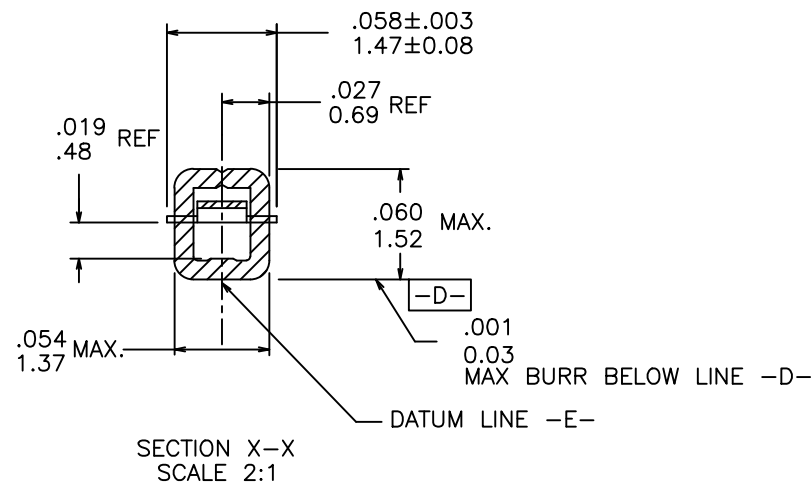
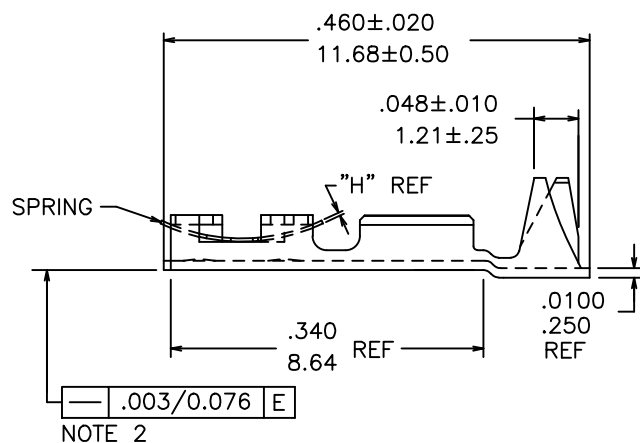
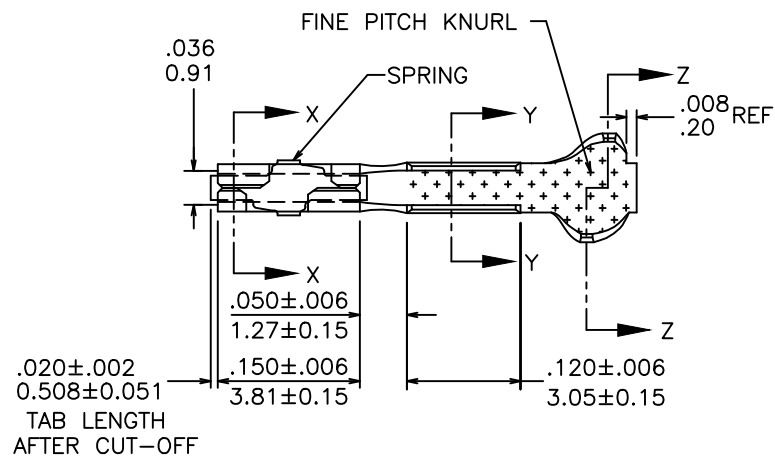


PRODUCT NUMBER

SEE SHEET 3

SECTION Y-Y
WIRE BARREL
SCALE 2:1SECTION Z-Z
INSULATION BARREL
SCALE 2:1

mat'l. code				surface	tolerance	projection	product family
SEE TABLE							PV TERMINALS
ltr	ecn no	dr	date	tolerances unless otherwise specified			
AN	V12-0006	HTB	12.01.05	angles	.XX±.01/.X±.3	INCH/MM	title
AP	F-21694	AMA	15.08.18	linear	.XXX±.005/.XX±.13	scale 5:1	MINI PV™ RECEPTACLE CRIMP TO WIRE
					.XXXX±.0020/.XXXX±.13		dwg no
				dr	A.MAISIERES	15.07.16	sheet 1 of 5
				enr	L.MULIN	15.07.16	size
				chr			47212
				app	L.MULIN	15.07.16	A3
sheet	revision	AP	AP	AP	AP	AP	type
index	sheet	1	2	3	4	5	Product Customer Drawing

PRODUCT NUMBER	AWG	WIRE BARREL			INSULATION BARREL				RECOMMENDED HANDTOOL FOR LOOSE PIECE APPLICATION
SEE SHEET 3	RANGE	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	HT-0073
	22-26	.070/1.78	.070/1.78	.017/.43	.036/.91-.103/2.62	.139/3.53	.120/3.05	.050/1.27	HT-0095
	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: 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.
- ⑦ CONTACT SIDE OF TERMINAL WILL HAVE 50μ"/1.27μm NICKEL UNDERPLATE OVERALL WITH GOLD FLASH REQUIRED INSIDE CONTACT BOX AND WIRE BARREL ONLY. BACKSIDE OF TERMINALS TO BE PLATED WITH 30μ"/0.76μm NICKEL ONLY.

mat'l. code SEE TABLE				surface	tolerance	projection	product family PV TERMINALS			
ltr	ecr no	dr	date	tolerances unless otherwise specified				title		
AN	V12-0006	HTB	12.01.05	angles	linear	.XX±.01/.X±.3		MINI PV™ RECEPTACLE CRIMP TO WIRE		
AP	F-21694	AMA	15.08.18			.XXX±.005/.XXX±.13				
								dwg no sheet 2 of 5 size A3		
				dr	A.MAISIERES	15.07.16				
				engr	L.MULIN	15.07.16				
				chr						
				app	L.MULIN	15.07.16		type Product Customer Drawing		
sheet index	revision sheet									
										</

form: A3



FCIconnect.com

Copyright FCI

D

form: A3

1

2 3

4

5

6

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
CONTACT AREA UNDERPLATING: 50μ"/1.27μ Ni CONTACT AREA: 15μ"/0.38μ Au INSIDE BOX AREA: -000LF Au FLASH -001LF 15μ"/0.38μ Au -002LF 6μ"/0.15μ Au REMAINDER: -000LF SEE NOTE 7 -001LF 15μ"/0.38μ Au -002LF Au FLASH	Au FLASH	.0035/0.089	18-20	48241	48250	NO	YES	NO	NO	NO	NO
			22-26	48242	48251	NO	YES	NO	NO	NO	NO
			28-32	48243	48252	NO	YES	NO	NO	NO	NO
		.0048/0.122	18-20	48244	48253	NO	YES	NO	NO	NO	NO
			22-26	48245	48254	NO	YES	NO	NO	NO	NO
			28-32	48246	48255	NO	YES	NO	NO	NO	NO
		.0065/0.165	18-20	48247	48256	NO	YES	NO	NO	NO	NO
			22-26	48248	48257	NO	YES	NO	NO	NO	NO
			28-32	48249	48258	NO	YES	NO	NO	NO	NO
CONTACT AREA UNDERPLATING: 50μ"/1.27μ Ni CONTACT AREA: 30μ"/0.76μ Au INSIDE BOX AREA: -000LF Au FLASH -001LF 30μ"/0.76μ Au -002LF 8μ"/0.2μ Au REMAINDER: -000LF SEE NOTE 7 -001LF 30μ"/0.76μ Au -002LF Au FLASH	Au FLASH	.0035/0.089	18-20	48231	48266	NO	YES	NO	NO	NO	NO
			22-26	48049	48235	NO	YES	NO	NO	NO	YES
			28-32	48048	48238	NO	YES	NO	NO	NO	YES
		.0048/0.122	18-20	48047	48232	NO	YES	NO	NO	NO	YES
			22-26	48046	48234	NO	YES	NO	NO	NO	YES
			28-32	48045	48237	NO	YES	NO	NO	NO	YES
		.0065/0.165	18-20	48052	48233	NO	YES	NO	NO	NO	YES*
			22-26	48051	48236	NO	YES	NO	NO	NO	YES
			28-32	48050	48239	NO	YES	NO	NO	NO	YES

* LOOSE PIECE NOT AVAILABLE

mat'l. code SEE TABLE				surface	tolerance	projection	product family PV TERMINALS			
ltr	ecr no	dr	date	tolerances unless otherwise specified		INCH/MM	title MINI PV™ RECEPTACLE CRIMP TO WIRE			
AN	V12-0006	HTB	12.01.05	angles	linear					
AP	F-21694	AMA	15.08.18				scale 1:1			
				dr	A.MAISIERES	15.07.16				
				engr	L.MULIN	15.07.16	FCI		sheet 3 of 5	
				chr						
				appd	L.MULIN	15.07.16	type		Product Customer Drawing	
sheet index	revision sheet									



FCIconnect.com

Copyright FCI

D

1		2		3							4	5	6	
MATERIAL & PLATING		SPRING THICKNESS		AWG	REELED	LOOSE	PLATING AVAILABILITY							
1/4 HARD BRASS BODY	Be/Cu SPRING	DIM H±.0005/0.012		RANGE	NOTE 4	NOTE 4	-000	-000LF	-001	-001LF	-002	-002LF		
CONTACT AREA 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 SEE NOTE 7 -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			
		.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								
CONTACT AREA 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 SEE NOTE 7 -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			
			.0048/0.122	22-26	47216	47706	NO	YES	NO	NO	NO	NO		
		28-32		47212	47705	NO	YES	NO	NO	NO	NO			

mat'l. code SEE TABLE				surface		tolerance		projection		product family	
litr ecn no dr date				tolerances unless otherwise specified		angles linear		INCH/MM		title	
AN V12-0006 HTB 12.01.05						.XX±.01/.X±.3				MINI PV™ RECEPTACLE	
AP F-21694 AMA 15.08.18						.XXX±.005/.XX±.13				CRIMP TO WIRE	
						.XXXX±.0020/.XXX±.0050		scale 1:1		dwg no	
				dr		A.MAISIERES 15.07.15				sheet 4 of 5	
				engr		L.MULIN 15.07.15				size	
				chr						A3	
				appd		L.MULIN 15.07.15					
sheet index		revision sheet								type Product Customer Drawing	

form: A3

1

2

3

4

5

6

form: A3

