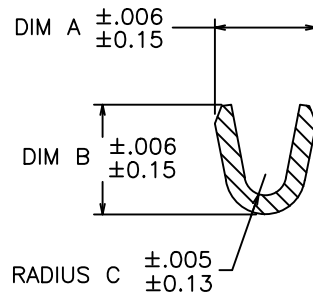
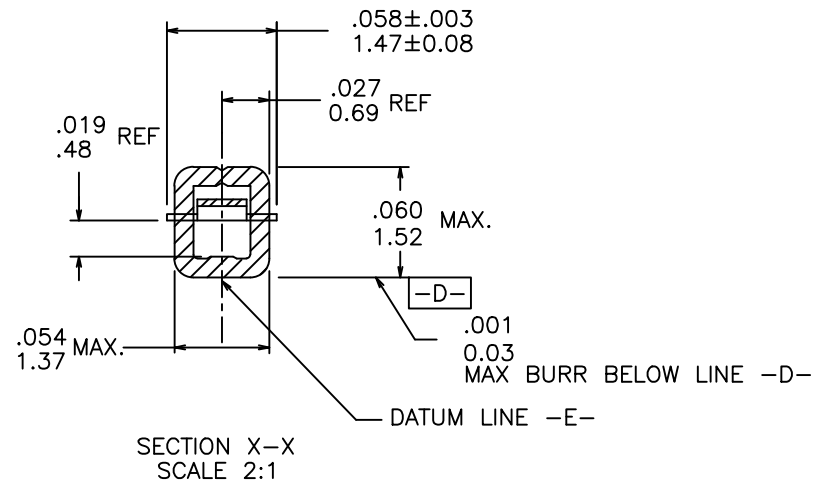
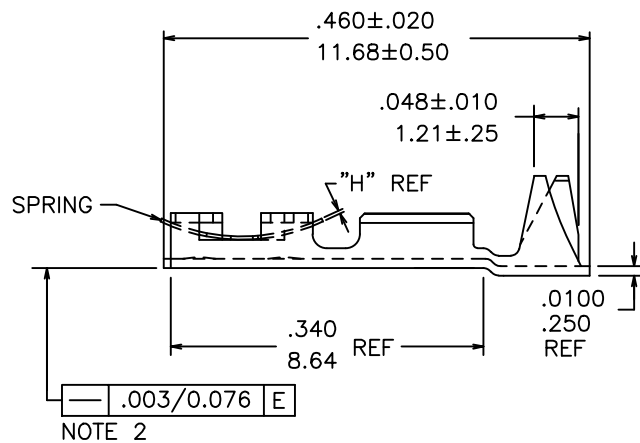
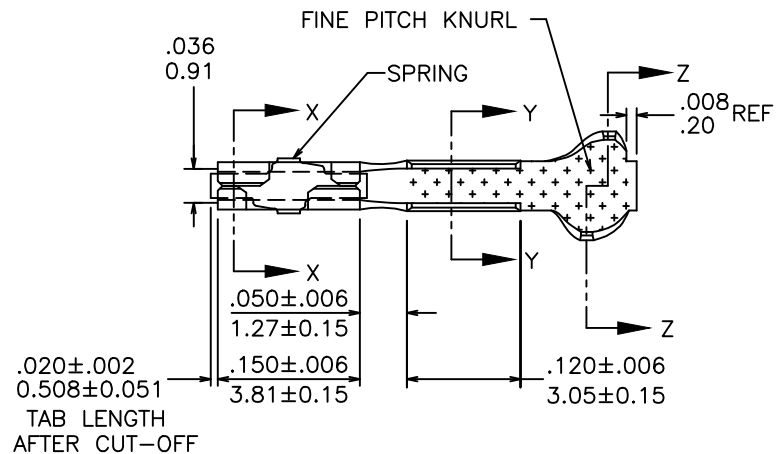
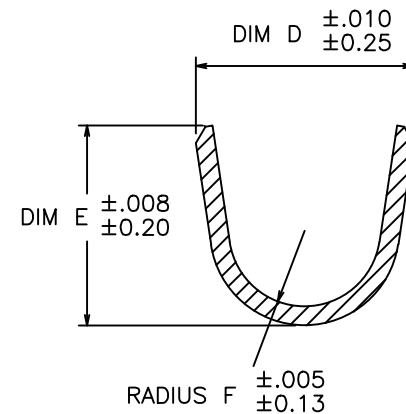


PRODUCT NUMBER

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			title
AN	V12-0006	HTB	12.01.05	angles	.XX±.01/.X±.3	INCH/MM	MINI PV™ RECEPTACLE
AP	F-21694	AMA	15.08.18	linear	.XXX±.005/.XX±.13	scale 5:1	CRIMP TO WIRE
					.XXXX±.0020/.XXXX±.13		
				dr	A.MAISIERES	15.07.16	dwg no
				enr	L.MULIN	15.07.16	sheet 1 of 5
				chr			size
				app	L.MULIN	15.07.16	47212
							A3
sheet	revision	AP	AP	AP	AP	AP	type
index	sheet	1	2	3	4	5	Product Customer Drawing

PRODUCT NUMBER SEE SHEET 3	AWG	WIRE BARREL			INSULATION BARREL				RECOMMENDED HANDTOOL FOR LOOSE PIECE APPLICATION
	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	
	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: 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			 INCH/MM	title		
AN	V12-0006	HTB	12.01.05	angles	linear	scale 1:1		MINI PV™ RECEPTACLE CRIMP TO WIRE		
AP	F-21694	AMA	15.08.18							
				dr	A.MAISIERES	15.07.16		dwg no	sheet 2 of 5	size A3
				engr	L.MULIN	15.07.16				
				chr						
				app	L.MULIN	15.07.16				
sheet index	revision sheet							type	Product	Customer Drawing

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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			
litr	ecr no	dr	date	tolerances unless otherwise specified		INCH/MM	title			
AN	V12-0006	HTB	12.01.05	angles	linear		MINI PV™ RECEPTACLE CRIMP TO WIRE			
AP	F-21694	AMA	15.08.18			SCALE 1:1	dwg no			
				dr	A.MAISIERES	15.07.16	sheet 3 of 5			
				engr	L.MULIN	15.07.16	47212			
				chr			A3			
				app	L.MULIN	15.07.16	type Product Customer Drawing			
sheet index	revision sheet									

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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			
		DISCONTINUED												
		DISCONTINUED												

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	
						.XXX±.0020/.XXX±.0		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				type Product Customer Drawing	
sheet index		revision sheet									

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