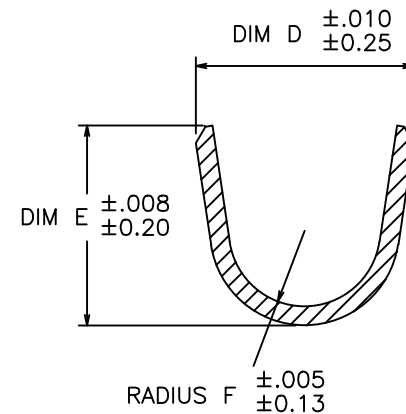
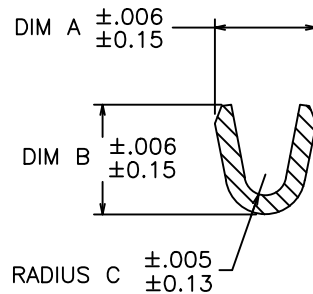
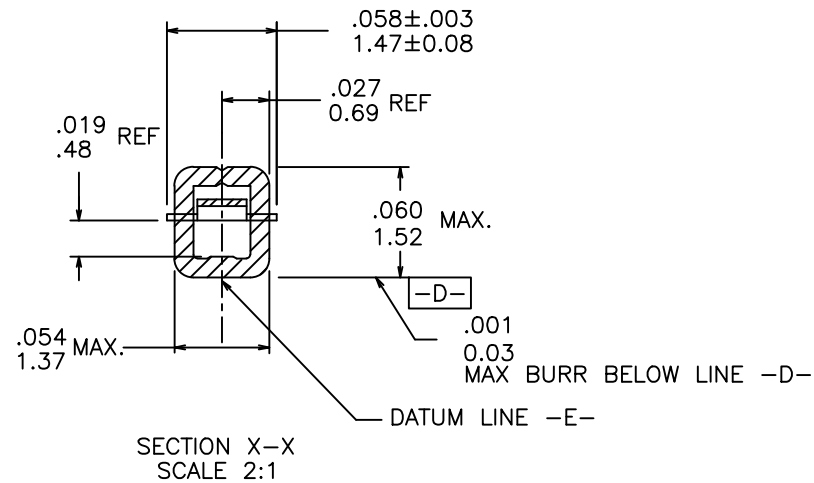
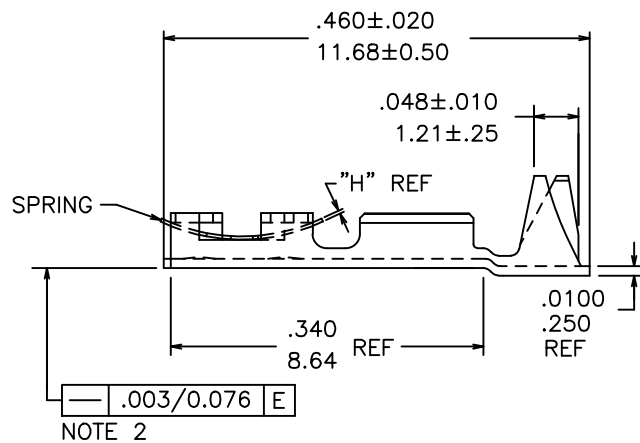
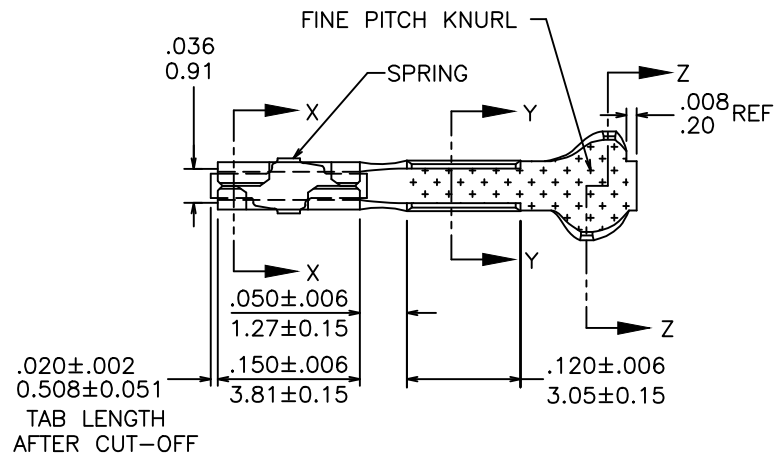


PRODUCT NUMBER

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				INCH/MM	title
AN	V12-0006	HTB	12.01.05	angles	linear	.XX±.01/.X±.3			
AP	F-21694	AMA	15.08.18			.XXX±.005/.XX±.13			
						.XXXX±.0020/.XXXX±.05		scale 5:1	MINI PV™ RECEPTACLE CRIMP TO WIRE
				dr	A.MAISIERES	15.07.16			
				engr	L.MULIN	15.07.16			
				chr					
				appd	L.MULIN	15.07.16			
sheet index		revision sheet	AP 1	AP 2	AP 3	AP 4	AP 5	FCJ	dwg no
			1	2	3	4	5		
									sheet 1 of 5
									size
									A3
								</	

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							
						.XXXX±.0020 / XXXX±.005		scale 1:1					
				dr	A.MAISIERES		15.07.16			dwg no		sheet 2 of 5	size
				engr	L.MULIN		15.07.16			47212		A3	
				chr									
				app	L.MULIN		15.07.16			type		Product	Customer
sheet index		revision sheet											

form: A3



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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: 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	NO	YES																																																																																																																															
			28-32	48048	48238	NO	YES	NO	NO	NO	NO	YES																																																																																																																															
		.0048/0.122	18-20	48047	48232	NO	YES	NO	NO	NO	NO	YES																																																																																																																															
			22-26	48046	48234	NO	YES	NO	NO	NO	NO	YES																																																																																																																															
			28-32	48045	48237	NO	YES	NO	NO	NO	NO	YES																																																																																																																															
		.0065/0.165	18-20	48052	48233	NO	YES	NO	NO	NO	NO	YES*																																																																																																																															
			22-26	48051	48236	NO	YES	NO	NO	NO	NO	YES																																																																																																																															
			28-32	48050	48239	NO	YES	NO	NO	NO	NO	YES																																																																																																																															
* LOOSE PIECE NOT AVAILABLE																																																																																																																																											
<table><tr><td colspan="4">mat'l. code SEE TABLE</td><td colspan="2">surface</td><td colspan="2">tolerance</td><td colspan="2">projection</td><td colspan="4">product family PV TERMINALS</td></tr><tr><td>litr</td><td>ecr no</td><td>dr</td><td>date</td><td colspan="4">tolerances unless otherwise specified</td><td colspan="2"></td><td colspan="4">title</td></tr><tr><td>AN</td><td>V12-0006</td><td>HTB</td><td>12.01.05</td><td colspan="2">angles</td><td colspan="2">linear</td><td colspan="2">.XX±.01/.X±.3 INCH/MM</td><td colspan="4">MINI PVTM RECEPTACLE</td></tr><tr><td>AP</td><td>F-21694</td><td>AMA</td><td>15.08.18</td><td colspan="2"></td><td colspan="2"></td><td colspan="2">.XXX±.005/.XX±.13 scale 1:1</td><td colspan="4">CRIMP TO WIRE</td></tr><tr><td></td><td></td><td></td><td></td><td colspan="2">dr</td><td colspan="2">A.MAISIERES</td><td colspan="2">15.07.16</td><td colspan="2">dwg no</td><td colspan="2">sheet 3 of 5</td></tr><tr><td></td><td></td><td></td><td></td><td colspan="2">engr</td><td colspan="2">L.MULIN</td><td colspan="2">15.07.16</td><td colspan="2">47212</td><td colspan="2">A3</td></tr><tr><td></td><td></td><td></td><td></td><td colspan="2">chr</td><td colspan="2"></td><td colspan="2"></td><td colspan="2">type</td><td colspan="2">Product Customer Drawing</td></tr><tr><td></td><td></td><td></td><td></td><td colspan="2">appd</td><td colspan="2">L.MULIN</td><td colspan="2">15.07.16</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td>sheet index</td><td>revision sheet</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>														mat'l. code SEE TABLE				surface		tolerance		projection		product family PV TERMINALS				litr	ecr no	dr	date	tolerances unless otherwise specified						title				AN	V12-0006	HTB	12.01.05	angles		linear		.XX±.01/.X±.3 INCH/MM		MINI PVTM RECEPTACLE				AP	F-21694	AMA	15.08.18					.XXX±.005/.XX±.13 scale 1:1		CRIMP TO WIRE								dr		A.MAISIERES		15.07.16		dwg no		sheet 3 of 5						engr		L.MULIN		15.07.16		47212		A3						chr						type		Product Customer Drawing						appd		L.MULIN		15.07.16						sheet index	revision sheet												
mat'l. code SEE TABLE				surface		tolerance		projection		product family PV TERMINALS																																																																																																																																	
litr	ecr no	dr	date	tolerances unless otherwise specified						title																																																																																																																																	
AN	V12-0006	HTB	12.01.05	angles		linear		.XX±.01/.X±.3 INCH/MM		MINI PVTM RECEPTACLE																																																																																																																																	
AP	F-21694	AMA	15.08.18					.XXX±.005/.XX±.13 scale 1:1		CRIMP TO WIRE																																																																																																																																	
				dr		A.MAISIERES		15.07.16		dwg no		sheet 3 of 5																																																																																																																															
				engr		L.MULIN		15.07.16		47212		A3																																																																																																																															
				chr						type		Product Customer Drawing																																																																																																																															
				appd		L.MULIN		15.07.16																																																																																																																																			
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			

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	
AP	F-21694	AMA	15.08.18			.XXX±.005/.XXX±.13	INCH/MM	CRIMP TO WIRE	
						.XXXX±.0020/.XXXX±.0050	scale 1:1		
				dr	A.MAISIERES	15.07.15		dwg no	sheet 4 of 5
				engr	L.MULIN	15.07.15		47212	A3
				chr					
				appd	L.MULIN	15.07.15			
sheet index	revision	sheet						type	Product Customer Drawing

1	2	3	4	5	6
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form: A3

form: A3

