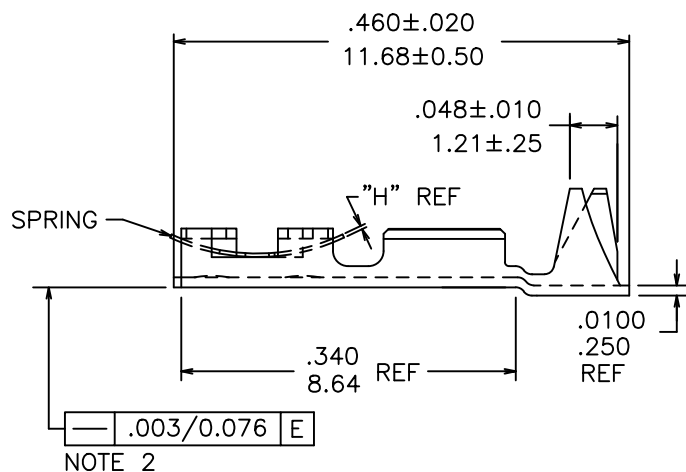
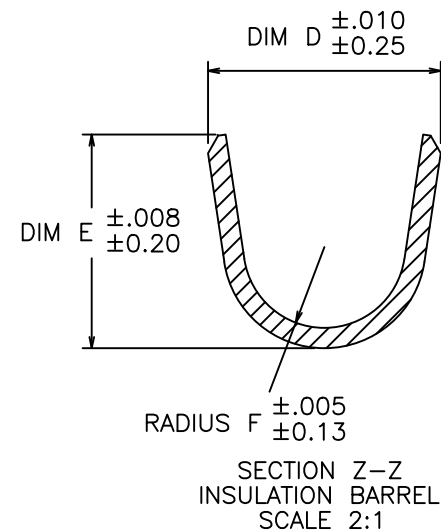
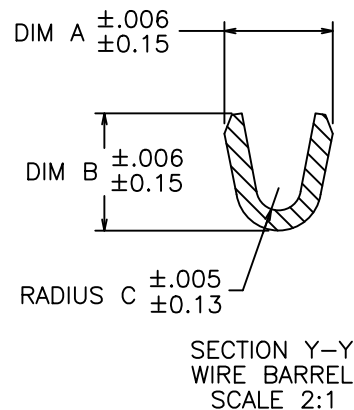
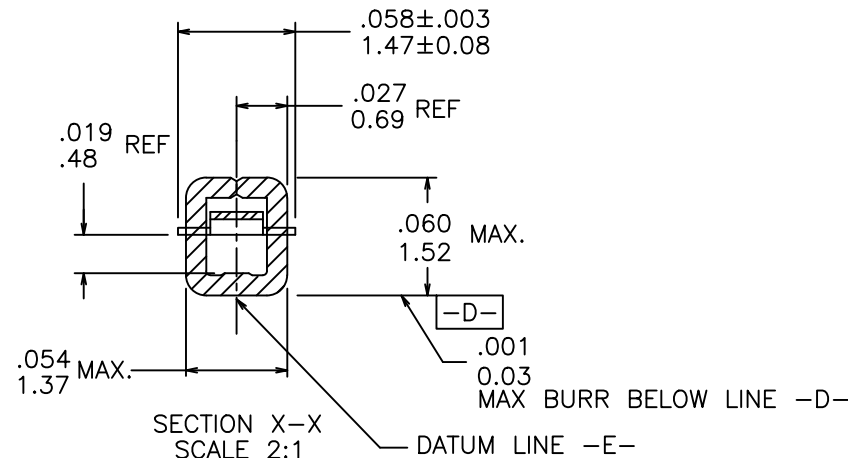
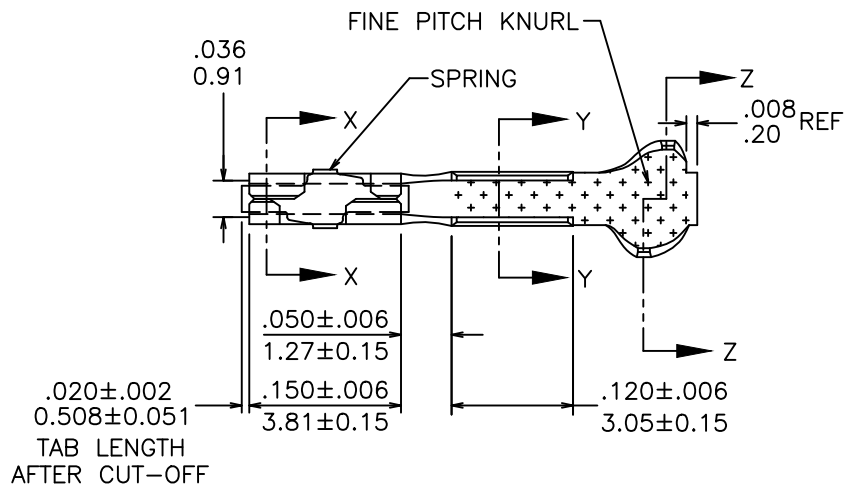


PRODUCT NUMBER

SEE SHEET 3&4

EXTENDED RANGE

- TOOLING FEASIBILITY CONFIRMED
- SAMPLES ON DEMAND
- AVAILABILITY ON DEMAND

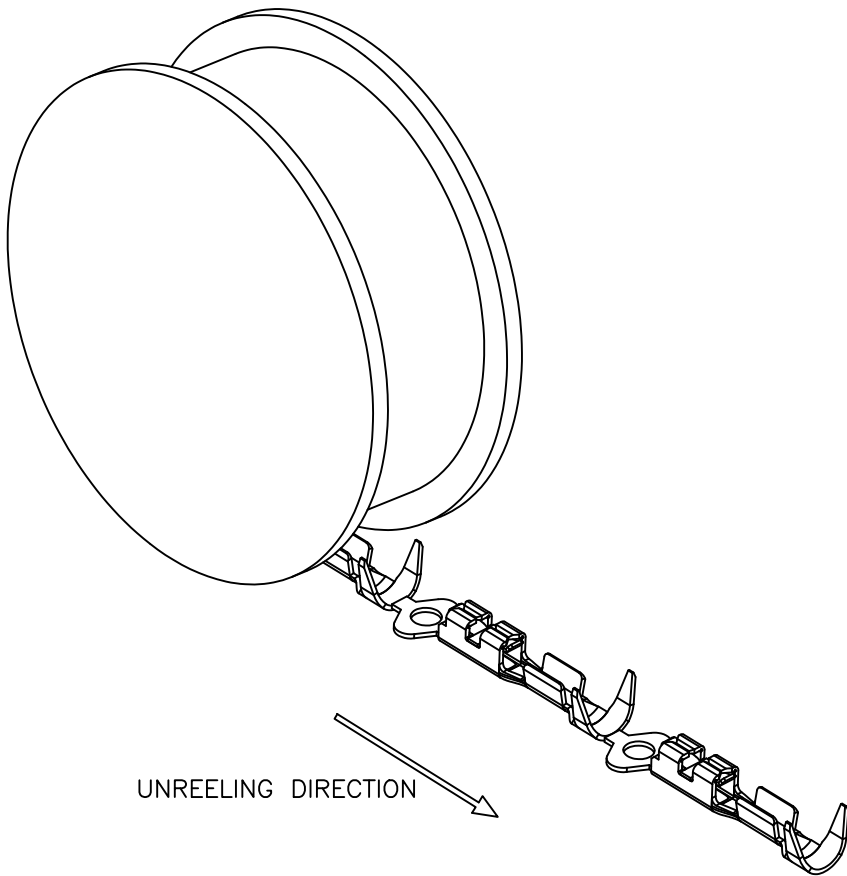


mat'l. code				surface		tolerance		projection		product family	
SEE NOTES				ISO 1302		ISO 406		ISO 1101		PV TERMINALS	
ltr	ecn no	dr	date	tolerances unless otherwise specified		.XX±.01/.X±.3		.XXX±.005/.XX±.13		title	
AN	V12-0006	HTB	12.01.05	angles		linear		.XXX±.002/.XXX±.05		MM	
AP	F-21694	AMA	15.08.18	±2°				scale 5:1		MINI PV RECEPTACLE CRIMP TO WIRE	
AR	F-25007	DDE	16.09.22	dr		A.MAISIERES		15.07.16		dwg no	
AS	F-55264	DDE	25.04.03	enr		L.MULIN		15.07.16		sheet 1 of 5	
				chr						size	
				appd		L.MULIN		15.07.16		47212	
sheet index		revision	AS	AS	AS	AS	AS			type	
		sheet	1	2	3	4	5			CUSTOMER	
										Drawing	

1		2		3								4		5	6
PRODUCT NUMBER		AWG		WIRE BARREL			INSULATION BARREL				RECOMMENDED HANDTOOL FOR LOOSE PIECE APPLICATION				
SEE SHEET 3&4		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.
8. THIS PART SERIES IS NOT INITIALLY INTENDED FOR AUTOMOTIVE APPLICATIONS. ADDITIONAL FEES ARE CHARGEABLE FOR ANY ADDITIONAL QUALIFICATION AND TEST REPORTS PERFORMED OUTSIDE THE SCOPE OF THE STANDARD PRODUCT SPECIFICATIONS.
9. UNLESS OTHERWISE APPROVED BY AMPHENOL, ALL PARTS AND COMPONENTS ARE DESIGNED & BUILT ACCORDING TO AMPHENOL'S SPECIFICATIONS WHICH ARE SUBJECT TO CHANGE WITHOUT NOTICE.



mat'l. code				surface		tolerance		projection	product family	
SEE NOTES				ISO 1302		ISO 406		ISO 1101	PV TERMINALS	
ltr	ecn no	dr	date	tolerances unless otherwise specified					title	
AN	V12-0006	HTB	12.01.05	angles		linear		mm	MINI PV RECEPTACLE CRIMP TO WIRE	
AP	F-21694	AMA	15.08.18							
AR	F-25007	DDE	16.09.22	±2°				scale 1:1	dwg no	
AS	F-55264	DDE	25.04.03	dr		A.MAISIERES		15.07.16	sheet 2 of 5	
				enr		L.MULIN		15.07.16	size	
				chr					47212	
				appd		L.MULIN		15.07.16	A3	
sheet index				revision sheet					type	
									CUSTOMER	
									Drawing	

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				surface		tolerance		projection		product family			
SEE NOTES				ISO 1302		ISO 406 ISO 1101				PV TERMINALS			
ltr	ecn 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	±2'		.XXX±.005/.XX±.13				CRIMP TO WIRE			
AR	F-25007	DDE	16.09.22			.XXXX±.002/.XXX±.05		scale 1:1		dwg no			
AS	F-55264	DDE	25.04.03	dr	A.MAISIERES	15.07.16				sheet 3 of 5			
				enr	L.MULIN	15.07.16				size			
				chr						A3			
				appd	L.MULIN	15.07.16				type			
sheet	revision									CUSTOMER Drawing			
index	sheet												

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: 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	NO
			28−32	47212	47705	NO	YES	NO	NO	NO	NO	NO

mat'l. code SEE NOTES				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection mm		product family PV TERMINALS			
ltr	ecn no	dr	date	tolerances unless otherwise specified				mm		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/.XX±.13				CRIMP TO WIRE			
AR	F−25007	DDE	16.09.22	±2°		.XXXX±.002/.XXX±.05		scale 1:1		dwg no			
AS	F−55264	DDE	25.04.03	dr	A.MAISIERES	15.07.16		Amphenol FCI		sheet 4 of 5		size	
				enrg	L.MULIN	15.07.16				47212		A3	
				chr									
				appd	L.MULIN	15.07.16				type		CUSTOMER	Drawing
sheet index	revision sheet												

mat'l. code SEE NOTES				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 	product family PV TERMINALS								
ltr	ecn no	dr	date	tolerances unless otherwise specified					title								
AN	V12−0006	HTB	12.01.05	angles	linear	.XX±.01/.X±.3		mm ←→	MINI PV RECEPTACLE CRIMP TO WIRE								
AP	F−21694	AMA	15.08.18			.XXX±.005/.XX±.13											
AR	F−25007	DDE	16.09.22	±2°		.XXX±.002/.XXX±.05											
AS	F−55264	DDE	25.04.03	dr	A.MAISIERES	15.07.16		scale 1:1 	dwg no		sheet 4 of 5						
				enrg	L.MULIN	15.07.16			47212		A3						
				chr													
				appd	L.MULIN	15.07.16			type CUSTOMER		Drawing						
sheet index		revision sheet															

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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
PRE-PLATED: −000LF 100−160μ” 2.54−4.06μ Sn (LEAD-FREE) NOTE 6	Sn PLATED	.0035/0.089	22−26	47445	47747	NO	YES	NO	NO	NO	NO
			28−32	47446	47748	NO	YES	NO	NO	NO	NO
		.0048/0.122	18−20	47221	47716	NO	YES	NO	NO	NO	NO
			22−26	47217	47715	NO	YES	NO	NO	NO	NO
			28−32	47213	47714	NO	YES	NO	NO	NO	NO
		.0065/0.165	18−20	47648	47749	NO	YES	NO	NO	NO	NO
			22−26	47649	47750	NO	YES	NO	NO	NO	NO
			28−32	47650	47751	NO	YES	NO	NO	NO	NO

mat'l. code SEE NOTES				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family PV TERMINALS			
ltr	ecn no	dr	date	tolerances unless otherwise specified		 mm scale 5:1	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/.XX±.13					
AR	F-25007	DDE	16.09.22		.XXX±.002/.XXX±.05					
AS	F-55264	DDE	25.04.03	dr	A.MAISIERES	15.07.16	dwg no		sheet 5 of 5	size
				enr	L.MULIN	15.07.16	47212		A3	
				chr			type		CUSTOMER Drawing	
				appd	L.MULIN	15.07.16				
sheet index	revision									
	sheet									