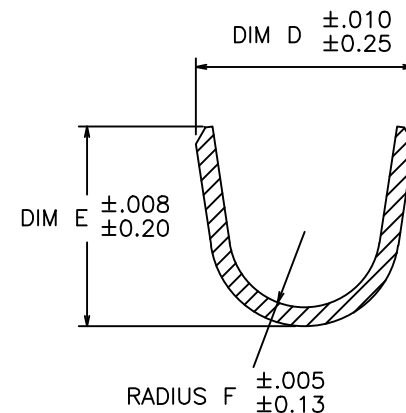
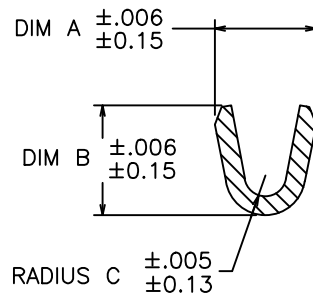
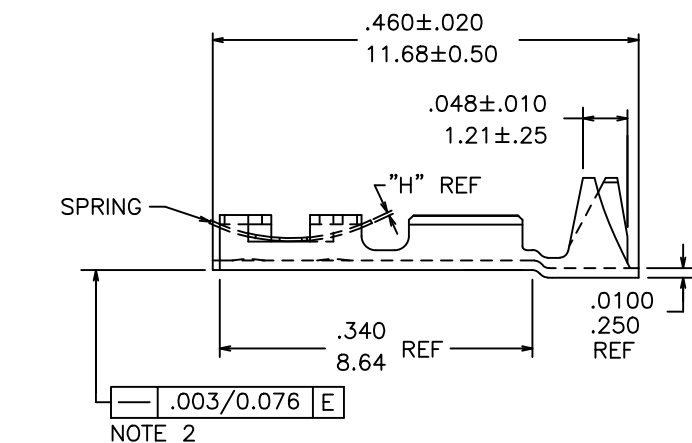
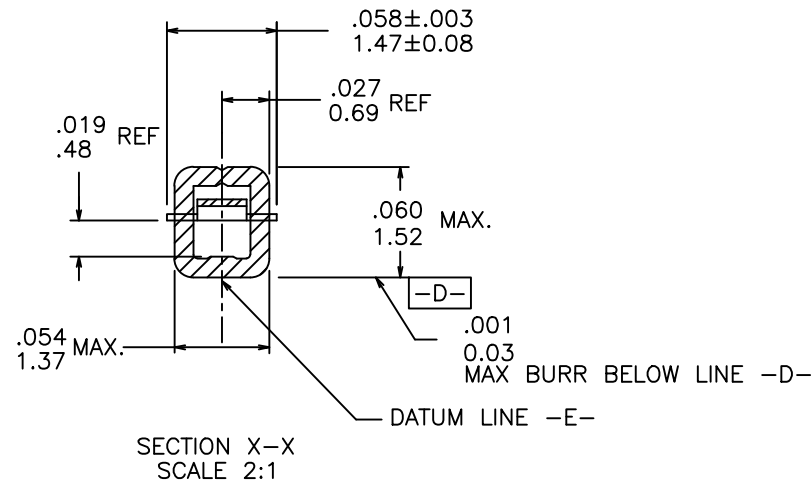
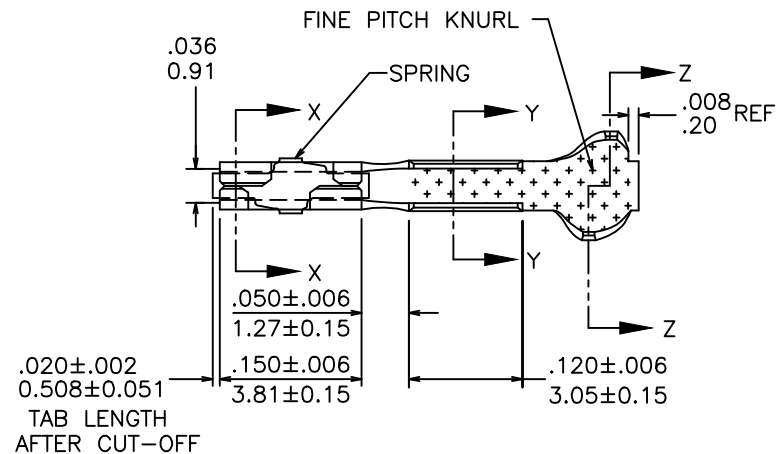


PRODUCT NUMBER

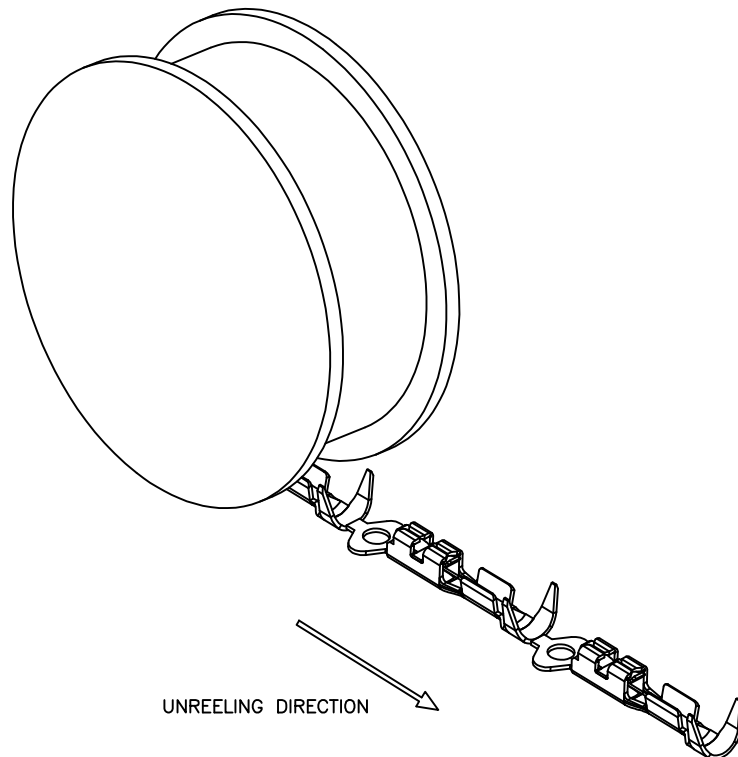
SEE SHEET 3



mat'l. code SEE TABLE				surface ✓		tolerance		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		INCH/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						.XXXX±.0020/.XXX±.13							
				dr		A.MAISIERES		15.07.16		dwg no sheet 1 of 5 size			
				enrg		L.MULIN		15.07.16					
				chr									
				appd		L.MULIN		15.07.16		FCI 			
sheet index		revision sheet		AR 1	AR 2	AR 3	AR 4	AR 5	type Product Customer Drawing				

PRODUCT NUMBER
SEE SHEET 3

AWG RANGE	WIRE BARREL			INSULATION BARREL				RECOMMENDED HANDTOOL FOR LOOSE PIECE APPLICATION
	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 $.025 \pm .002 / 0.64 \pm 0.05$ 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 $50\mu'' / 1.27\mu\text{m}$ NICKEL UNDERPLATE OVERALL WITH GOLD FLASH REQUIRED INSIDE CONTACT BOX AND WIRE BARREL ONLY. BACKSIDE OF TERMINALS TO BE PLATED WITH $30\mu'' / 0.76\mu\text{m}$ NICKEL ONLY.

mat'l. code SEE TABLE				surface	tolerance	projection	product family PV TERMINALS			
ltr	ecr no	dr	date	tolerances unless otherwise specified				title MINI PV™ RECEPTACLE CRIMP TO WIRE		
AN	V12-0006	HTB	12.01.05	angles	linear	INCH/MM				
AP	F-21694	AMA	15.08.18			XXXXX.005/XXX.13				
AR	F-25007	DDE	16.09.22			XXXXX.0020/XXX.X				
				dr	A.MAISIERES	15.07.16		dwg no	sheet 2 of 5	size A3
				enr	L.MULIN	15.07.16				
				chr						
				app	L.MULIN	15.07.16				
sheet index	revision sheet						type Product Customer Drawing			

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						
			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 Scale 1:1	title	
AN	V12-0006	HTB	12.01.05	angles	linear		MINI PV™ RECEPTACLE	
AP	F-21694	AMA	15.08.18				CRIMP TO WIRE	
AR	F-25007	DDE	16.09.22					
				dr	A.MAISIERES	15.07.16		dwg no
				enr	L.MULIN	15.07.16		sheet 3 of 5
				chr				size
				app	L.MULIN	15.07.16		A3
sheet	revision						type Product Customer Drawing	
index	sheet							

1 MATERIAL & PLATING		2 3 SPRING THICKNESS		AWG	REELED	LOOSE	4 5 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		
			.0048/0.122	22-26	47216	47706	NO	YES	NO	NO	NO	NO
				28-32	47212	47705	NO	YES	NO	NO	NO	NO

FCI
FCIconnect.com
Copyright FCI

mat'l. code SEE TABLE				surface	tolerance	projection	product family PV TERMINALS	
ltr	ecr no	dr	date	tolerances unless otherwise specified		 INCH/MM scale 1:1	title	
AN	V12-0006	HTB	12.01.05	angles	linear		MINI PV™ RECEPTACLE	
AP	F-21694	AMA	15.08.18				CRIMP TO WIRE	
AR	F-25007	DDE	16.09.22					
				dr	A.MAISIERES	15.07.15	dwg no	sheet 4 of 5
				enrg	L.MULIN	15.07.15	47212	size
				chr				A3
				app	L.MULIN	15.07.15	type Product Customer Drawing	
sheet index	revision sheet							

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
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 TABLE				surface	tolerance	projection	product family
ltr	ecr 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/.XXX±.13	SCALE 1:1	CRIMP TO WIRE
AR	F-25007	DDE	16.09.22		.XXXX±.0020/.XXX±.005		
				dr	A.MAISIERES	15.07.15	dwg no
				engr	L.MULIN	15.07.15	sheet 5 of 5
				chr			size
				app	L.MULIN	15.07.15	A3
sheet index	revision sheet						type Product Customer Drawing