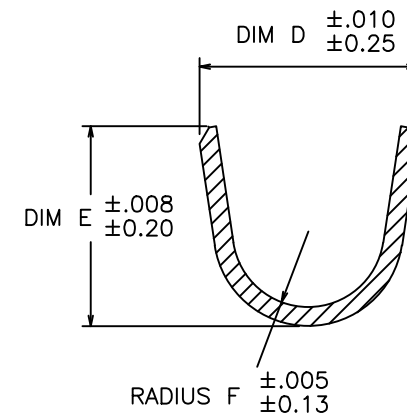
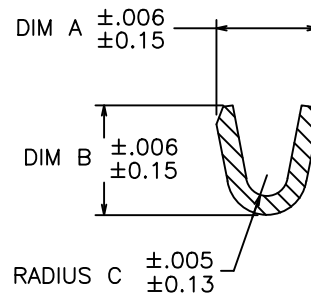
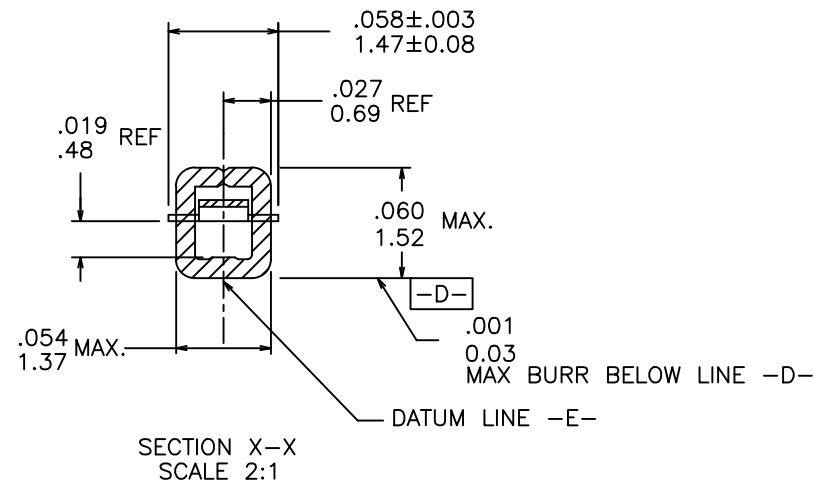
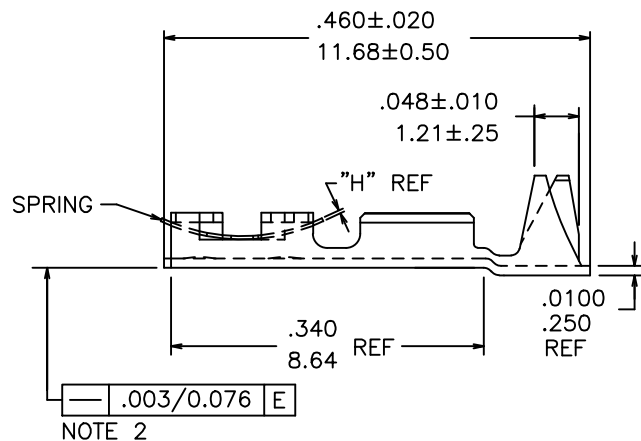
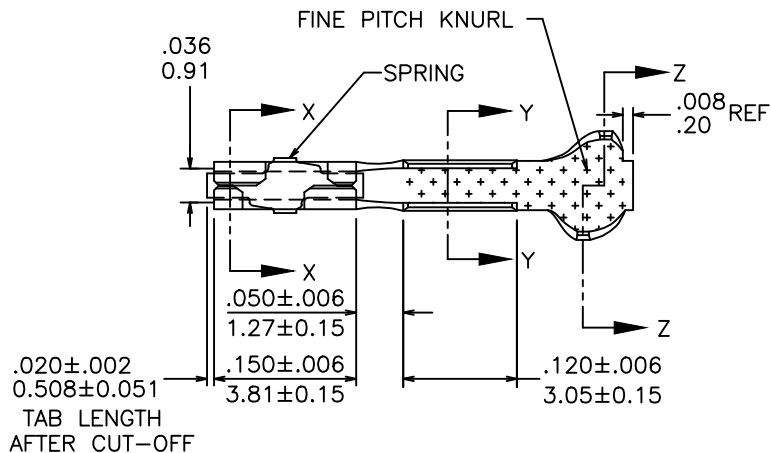


PRODUCT NUMBER

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	linear	.XX ± .01 / .X ± .3	INCH/MM			
AP	F-21694	AMA	15.08.18			.XXX ± .005 / .XX ± .13	scale 5:1			
						.XXXX ± .0020 / .XXX ± .0050				
				dr	A.MAISIERES	15.07.16	dwg no			
				engr	L.MULIN	15.07.16	sheet 1 of 5			
				chr			47212			
				app	L.MULIN	15.07.16	A3			
sheet index	revision sheet	AP	AP	AP	AP	AP	type Product Customer Drawing			
		1	2	3	4	5				

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

1

form: A3

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	
CONTACT AREA						18-20		48276		N/A	
UNDERPLATING:						22-26		47457		47743	
50µ"/1.27µ Ni						28-32		47456		47742	
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											

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 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	.XX±.01/.X±.3		INCH/MM		MINI PVTM RECEPTACLE CRIMP TO WIRE			
AP	F-21694	AMA	15.08.18		linear .XXX±.005/.XX±.13 .XXXX±.0020/.XXX±.05		scale 1:1					
				dr	A.MAISIERES	15.07.15			dwg no		sheet 5 of 5	size
				engr	L.MULIN	15.07.15			47212		A3	
				chr								
				appd	L.MULIN	15.07.15						
sheet index		revision sheet							type Product Customer Drawing			