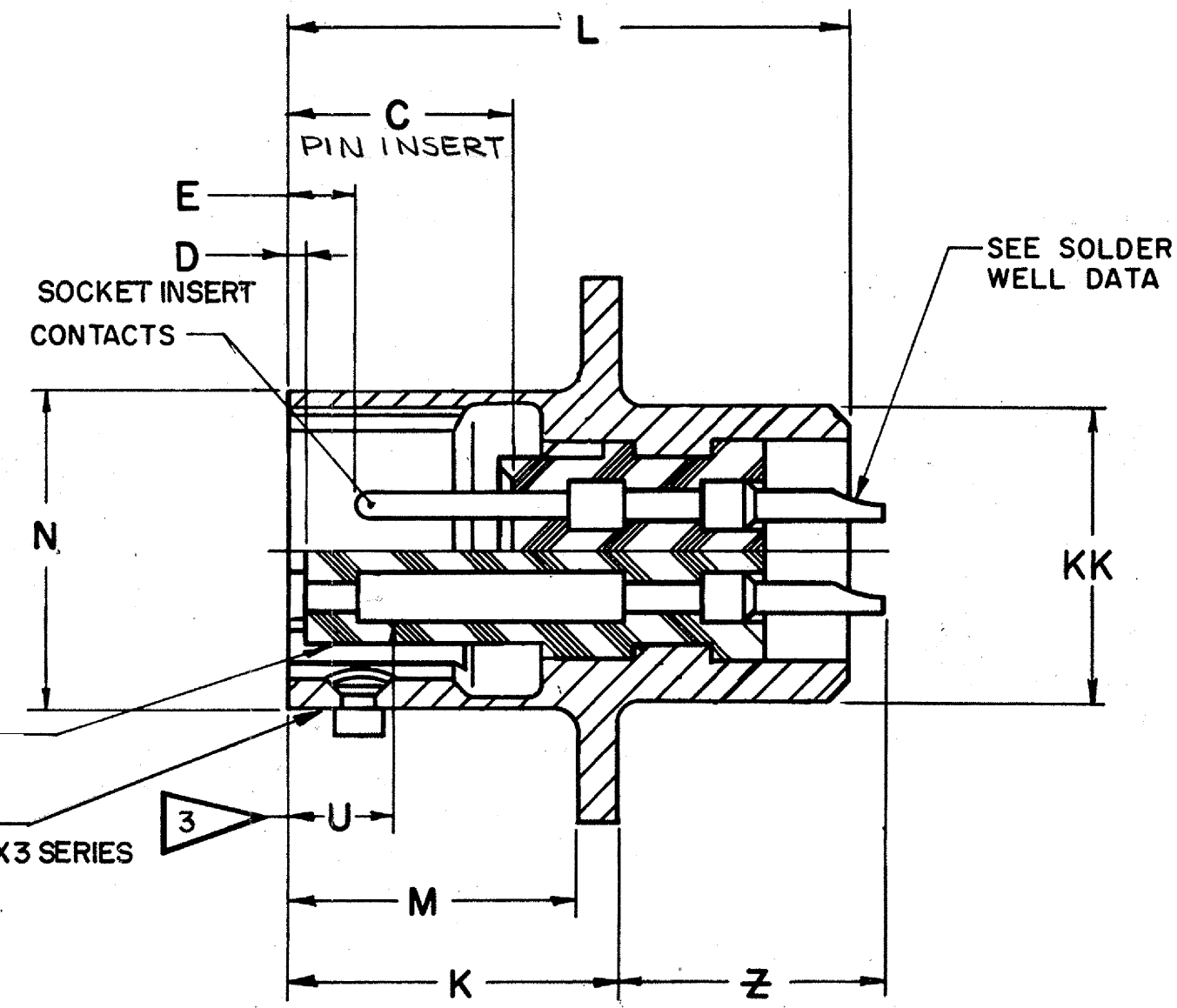
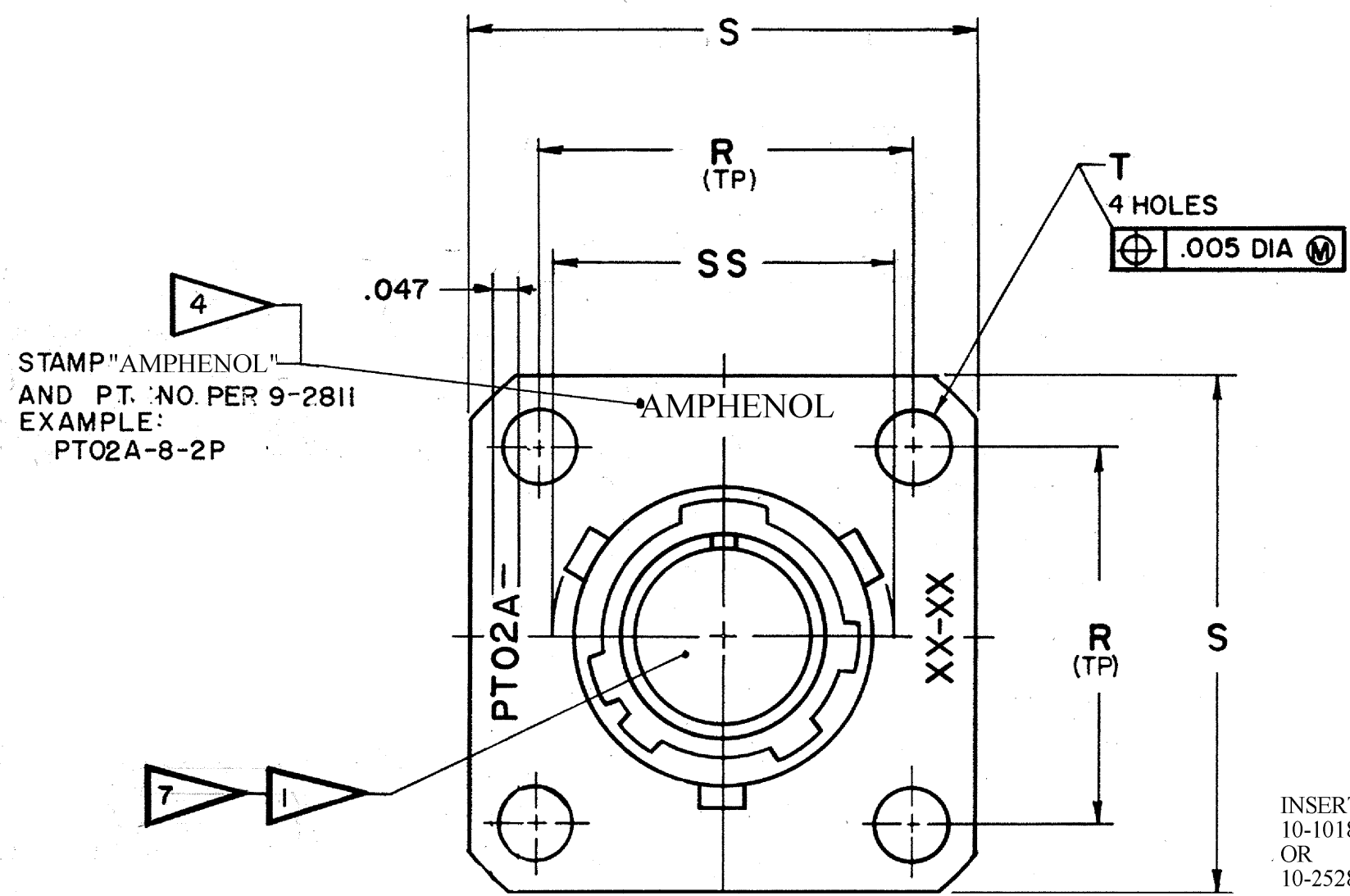


REL NO. 32508-147		REVISIONS			
CHG NO.	SYM	DESCRIPTION		DATE	APPROVED
45525-218	A1	REDRAWN SAME SIZE; REV. DATA (MFG)		9-10-65	LESUER
45525-1135	A2	STANDARDIZED		8-12-66	B. Roman
54525-85	A3	WAS E PIN INSERT; ADD. PIN INSERT (C)		1-10-73	Randall
98879	B	(CL II) ADDED 10-252806/824-XX3 SERIES TO INSERT IDENTIFICATION NOTE		12-2-06	JONES



INSERT
10-101800 SERIES
OR
10-252806/824-() SERIES

SHELL
150902-XX3 SERIES

ACCESSORIES
(NOT PART OF STANDARD ASSEMBLY)

SEE DRAWING
10-150000

USE OF THIS DOCUMENT IS UNLIMITED. DOCUMENTS
REFERENCED HEREON CONTAIN LIMITED RIGHTS DATA.

ITEM NO.	QTY REQD	DESCRIPTION	PART NUMBER	CODE IDENT	ZONE	
PARTS LIST						
UNLESS OTHERWISE SPECIFIED		NEXT ASSEMBLY				
LINEAR DIMENSIONS ARE IN INCHES. TOLERANCES: 3 PLACES ±.010; 2 PLACES ±.03; 1 PLACE ±.1; ANGLES ±2°. OTHER STANDARDS PER SCINTILLA SPEC 9-3800 AND MIL-STD 8.		DRAWN: NICHOLS CHECKED: Teelon MATERIAL: STANDARDS: J. Balantei 10-29-65 DRAFTING: Dwyer 10-29-65 A.H. ENGINEERING: W. W. Harrison 11-1-65 DEVELOPMENT: [Signature] 10-27-65 DATE: 1-11-57 DATE: 10-28-65				
MATERIAL SPEC		THE Bendix CORPORATION SCINTILLA DIVISION SIDNEY, NEW YORK, U.S.A. TITLE: CONNECTOR, ELECTRICAL RECEPTACLE, TYPE PT-A ()FB, OLIVE DRAB				
PROCESS SPEC SEE SHEET 2		CODE IDENT NO. 77820 SIZE C SCALE NONE WT REF SHEET 1 OF 2				

SEE SHEET 2
NOTES: REF SYMBOL

71-146206/50

ASSEMBLY NUMBER	PT NO.	C +.010 -.025	D +.010 -.025	E +.010 -.020	K +.021 -.010	L ±.031	M +.010 -.000	N DIA +.001 -.005	R (TP)	S +.011 -.010	T DIA ±.005	U MAX		Z +.040 -.050	SS DIA +.000 -.016	KK DIA +.011 -.000
71-146206-	02A-6-	.337	.025	.085	.493	.743	.431	.348	.469	.688	.120	.153		.394	.439	.312
71-146208-	-8-							.473	.594	.812					.563	.438
71-146210-	-10-							.590	.719	.938					.680	.562
71-146212-	-12-							.750	.812	1.031					.859	.688
71-146214-	-14-							.875	.906	1.125					.984	.812
71-146216-	-16-							1.000	.969	1.219					1.108	.938
71-146218-	-18-							1.125	1.062	1.312					1.233	1.062
71-146220-	-20-	.399	.087	.147	.650	.994	.556	1.250	1.156	1.438		.215		.455	1.358	1.188
71-146222-	-22-				.650	.994	.556	1.375	1.250	1.562				.455	1.483	1.312
71-146224-	-24-				.683	1.027	.589	1.500	1.375	1.688	.147			.422	1.610	1.438
71-146225/50		NOT AVAILABLE														

7. FOR CONTACT ARRANGEMENTS, SEE L-15206/50.
6. UNITS ILLUSTRATED MEET THE MATERIAL & FINISH REQUIREMENTS OF MIL-C-26482.
5. FOR COMPLETE ASSEMBLY NO. & PT NO., ADD APPLICABLE INSERT ARRANGEMENT SUFFIX TO BASE NUMBERS LISTED ABOVE PER 9-2437-1.
4. STAMPING MAY BE ON EITHER SIDE OF FLANGE (ONE SIDE ONLY).
3. DISTANCE BETWEEN END OF SHELL & THE POINT AT WHICH A GAGE PIN, HAVING THE SAME BASIC DIAMETER AS THE MATING CONTACT & A SQUARE FACE, ENGAGES SOCKET CONTACT SPRING.
2. SEE DRAWING 71-146606/50 FOR REQUIRED MATING PLUG ASSEMBLIES.
1. INSERTS & CONTACTS MUST NOT BE REMOVED.

10. FOR ASSEMBLY NUMBERS 71-146214-91; 71-146218-80; 71-146218-90; 71-146218-91; 71-146220-90; 71-146222-4; 71-14622-7. SEE INDIVIDUAL DRAWINGS.
9. FOR COMPONENT PART NUMBERS OF DESIRED ARRANGEMENT, SEE APPLICABLE PARTS LIST.
8. SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.

NOTES: REF SYMBOL 

SOLDER WELL DATA		
CONTACT SIZE	20	16
WELL DIA	.046 ^{+.004} _{-.000}	.078 ^{+.004} _{-.002}
WELL DEPTH	^{+.031} _{-.000}	.125
		.188
ITEM NO.	QTY REQD	DESCRIPTION
PARTS LIST		
UNLESS OTHERWISE SPECIFIED		
LINEAR DIMENSIONS ARE IN INCHES.		
TOLERANCES: 3 PLACES ±.010;		
2 PLACES ±.03; 1 PLACE ±.1;		
ANGLES ±2°. OTHER STANDARDS PER SCINTILLA SPEC 9-3800 AND MIL-STD 8.		
MATERIAL SPEC	PROCESS SPEC	TEST
	9-3980-2	ASSY
	9-3443	9-2437-1
		9-2811

THERMOCOUPLE CONTACT DATA (WHERE APPLICABLE)	
MATERIAL	IDENTIFICATION
CHROMEL	WHITE
ALUMEL	GREEN
IRON	BLACK
CONSTANTAN	YELLOW

THE  CORPORATION		SCINTILLA DIVISION SIDNEY, NEW YORK, U.S.A.	
TITLE: CONNECTOR, ELECTRICAL RECEPTACLE, TYPE PT-A ()FB, OLIVE DRAB			
CODE IDENT NO.	SIZE	71-146206 THRU 71-146250	
77820	C		
SCALE NONE	WT.	REF.	SHEET 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:

[PT02A2461PX](#) [PT02A-14-15S](#) [PT02A-22-55S](#) [PT02A-22-55P](#) [PT02A-14-5S](#) [PT02A-20-16S](#) [PT02A-22-21P](#)
[PT02A-22-21S](#) [PT02A-22-34S](#) [PT02A-22-34P](#) [PT02A-16-8P](#) [PT02A-10-6S](#) [PT02A-10-6P](#) [PT02A-14-5P](#) [PT02A-16-](#)
[8S](#) [PT02A-12-3P](#) [PT02A-12-3S](#) [PT02A-16-23P](#) [PT02A-16-23S](#) [PT02A-16-26S](#) [PT02A-16-26P](#) [PT02A-18-32S](#)
[PT02A-18-32P](#) [PT02A-18-11S](#) [PT02A-18-11P](#) [PT02A-10-5P](#) [PT02A-10-5S](#) [PT02A-20-27S](#) [PT02A-20-27P](#) [PT02A-](#)
[20-24S](#) [PT02A-20-24P](#) [PT02A-8-2S](#) [PT02A-8-2P](#) [PT02A-10-98P\(025\)](#) [PT02A-10-98S\(025\)](#) [PT02A-12-4P\(025\)](#)
[PT02A-12-4S\(025\)](#) [PT02A-12-8P\(025\)](#) [PT02A-12-8S\(025\)](#) [PT02A-14-12P\(025\)](#) [PT02A-14-12S\(025\)](#) [PT02A-14-](#)
[15P\(025\)](#) [PT02A-14-15S\(025\)](#) [PT02A-14-18P\(025\)](#) [PT02A-14-18S\(025\)](#) [PT02A-16-23P\(025\)](#) [PT02A-16-23S\(025\)](#)
[PT02A-16-26P\(025\)](#) [PT02A-16-26S\(025\)](#) [PT02A-16-8P\(025\)](#) [PT02A-18-11P\(025\)](#) [PT02A-18-11S\(025\)](#) [PT02A-18-](#)
[32P\(025\)](#) [PT02A-18-32S\(025\)](#) [PT02A-20-27P\(025\)](#) [PT02A-20-27S\(025\)](#) [PT02A-20-41P\(025\)](#) [PT02A-20-41S\(025\)](#)
[PT02A-22-21P\(025\)](#) [PT02A-22-21S\(025\)](#) [PT02A-8-2P\(025\)](#) [PT02A-8-2S\(025\)](#) [PT02A-8-3P\(025\)](#) [PT02A-8-3S\(025\)](#)
[PT02A-10-6P\(025\)](#) [PT02A-10-6S\(025\)](#) [PT02A-12-10P\(025\)](#) [PT02A-12-10S\(025\)](#) [PT02A-12-3P\(025\)](#) [PT02A-12-](#)
[3S\(025\)](#) [PT02A-14-5S\(025\)](#) [PT02A-14-19P\(025\)](#) [PT02A-14-19S\(025\)](#) [PT02A-14-5P\(025\)](#) [PT02A-16-8S\(025\)](#)
[PT02A-20-16P\(025\)](#) [PT02A-20-16S\(025\)](#) [PT02A-22-55P\(025\)](#) [PT02A-22-55S\(025\)](#) [PT02A-8-4P\(025\)](#) [PT02A-10-6SW](#)
[PT02A-12-10SX](#) [PT02A-12-10PW](#) [PT02A-12-10PX](#) [PT02A-14-19PW](#) [PT02A-20-41PW](#) [PT02A-20-41SW](#) [PT02A-](#)
[18-32SW](#) [PT02A-8-3S](#) [PT02A-8-3P](#) [PT02A-8-4S](#) [PT02A-8-4P](#) [PT02A-20-41P](#) [PT02A-20-41S](#) [PT02A-12-10P](#)
[PT02A-12-10S](#) [PT02A-14-19S](#) [PT02A-14-19P](#) [PT02A-20-16P](#) [PT02A-14-15P](#)