

1

ORDERING INFORMATION

[XX]

C UMI - - R - BK - - XXX

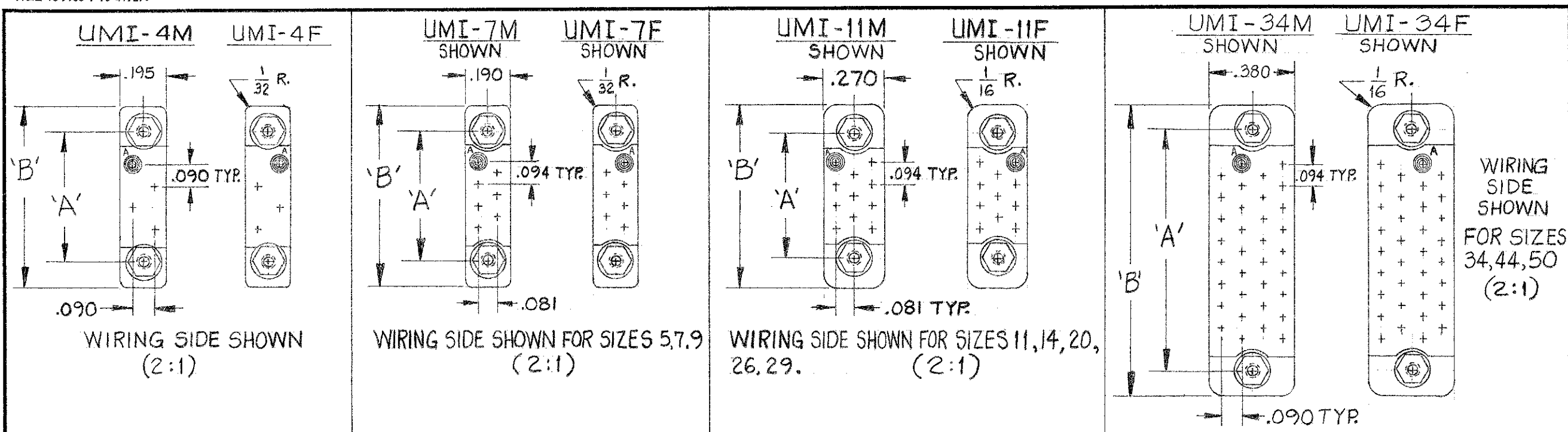
R = REVERSED HARDWARE DESIGNATOR
2M [M] = 2 MALE GUIDES, SCREWLOCKS OR JACKSCREWS
2F [F] = 2 FEMALE GUIDES, SCREWLOCKS OR JACKSCREWS

HARDWARE VARIATIONS

LONG TURNABLE SCREWLOCKS WITH HOOD & CABLE CLAMP (HARDWARE USED WITH HOODS ONLY)
 *KXR [KT]- TOP OPENING HOOD WITH 2-5/8 THD STAINLESS STEEL SCREWLOCKS- PER MIL-28748
 *KHS [KS]- SIDE OPENING HOOD WITH 2-5/8 THD STAINLESS STEEL SCREWLOCKS- PER MIL-28748
 *KWR [WT]- TOP OPENING HOOD & CABLE CLAMP-ORDERED SEPARATELY-WITHOUT HDWE (IE UMI-14-KWRH [UMI-14-WT])
 *KWS [WS]- SIDE OPENING HOOD & CABLE CLAMP-ORDERED SEPARATELY-WITHOUT HDWE (IE UMI-14-KWSH [UMI-14-WS])
 *KXR [KT]- LONG TURNABLE JACKSCREW HOODS-ORDERED SEPARATELY-WHEN ORDERED SPECIFY SERIES AND HOOD SIZE, (IE UMI-5-1KH [UMI-5-KH])

SHORT TURNABLE SCREWS/LOCKS:
 1K [K]- 2.56 THD ID STAINLESS STEEL HARDWARE & KNOB)- PER MIL-28748
 1K1 [K1]- 2.56 THD, SHORT SLOTTED-KNOBLESS (STAINLESS STEEL)
 2K1 [K2]- 3.48 THD, SHORT SLOTTED-KNOBLESS (STAINLESS STEEL)
 1K1 [K1]- 2.56 THD, SHORT SLOTTED KNOB a.16 x .30 LONG (STAINLESS STEEL)
 1K6 [K6]- 2.56 THD SHORT SLOTTED KNOB a.19 x .32 LONG (STAINLESS STEEL)
 1K7 [K7]- 2.56 THD .094 HEX SOCKET KNOB a.16 x .24 LONG (STAINLESS STEEL)
 1K8 [K8]- 2.56 THD .094 HEX SOCKET KNOB a.19 x .30 LONG (STAINLESS STEEL)
 1K9 [K9]- 2.56 THD .094 HEX SOCKET KNOB a.16 x .28 LONG (STAINLESS STEEL)
 1K21 [K21]- 2.56 THD .078 HEX SOCKET KNOB a.12 x .20 LONG (STAINLESS STEEL)
 1K24 [K24]- 2.56 THD .094 HEX SOCKET KNOB a.16 x .16 LONG (STAINLESS STEEL)
 2K15 [K25]- 3.48 THD SHORT SLOTTED KNOB a.16 x .28 LONG (STAINLESS STEEL)
 2K16 [K26]- 3.48 THD SHORT SLOTTED KNOB a.19 x .32 LONG (STAINLESS STEEL)
 2K17 [K27]- 3.48 THD SHORT SLOTTED KNOB a.16 x .24 LONG (STAINLESS STEEL)
 2K18 [K28]- 3.48 THD SHORT SLOTTED KNOB a.19 x .30 LONG (STAINLESS STEEL)

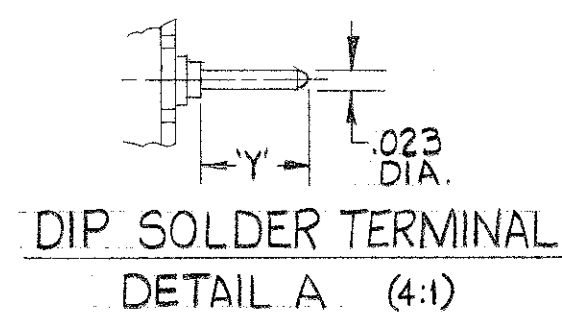
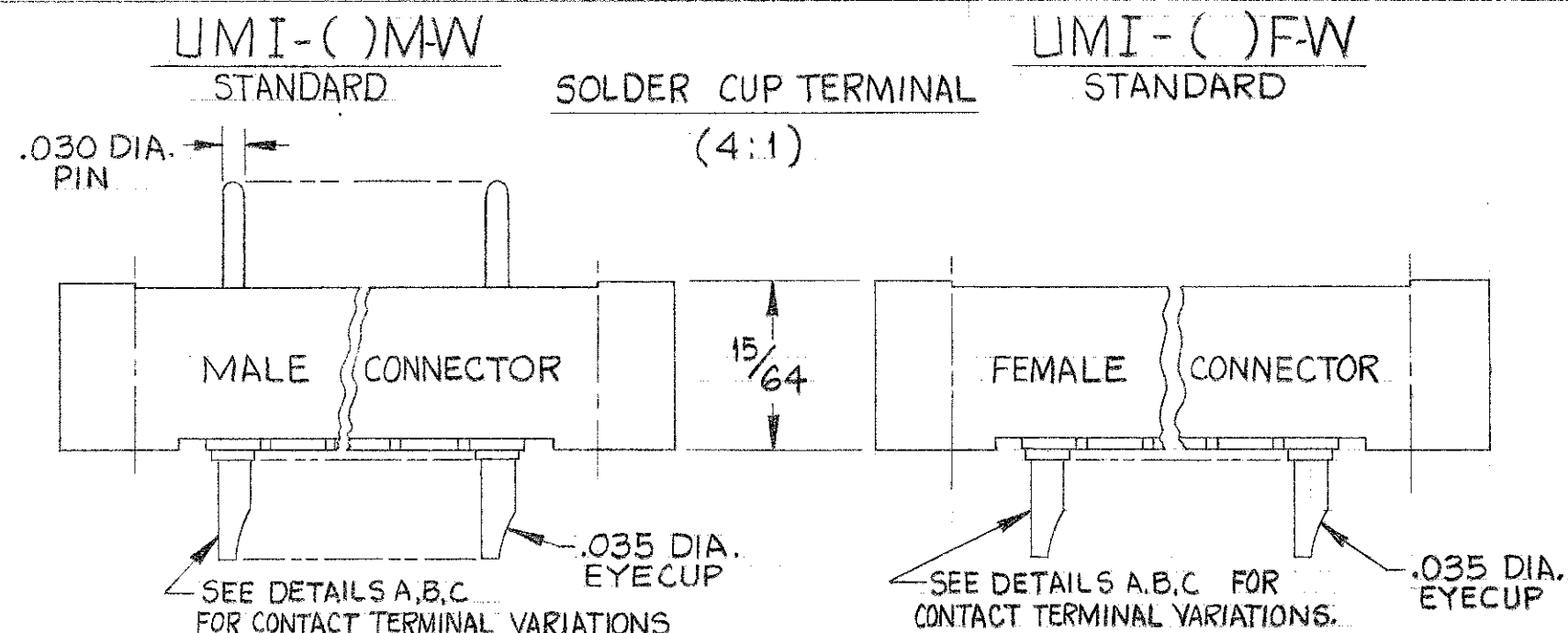
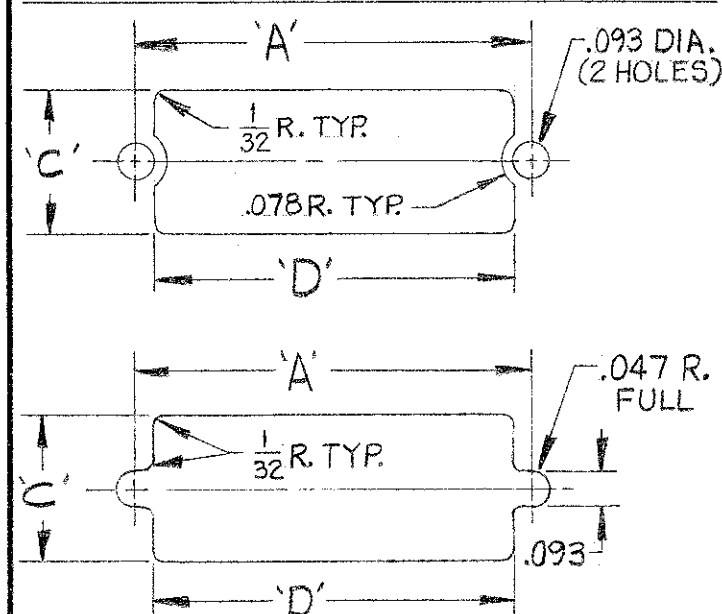
 MICROFILM	DATE	JWG 11/02/90		 MICROFILM
	DESCRIPTION	REVISED & REDRAWN ECR# 1321 ECR# 1321		
	REVISION	E		
	DATE			
LITTON Winchester Electronics 430 Park Road Waterbury, Connecticut 06795				
COMPOSITE OUTLINE ASSY. UMI- 0 M/F CONNECTOR				
TITLE				
C 093008 SH. 1 OF 4 REV E				



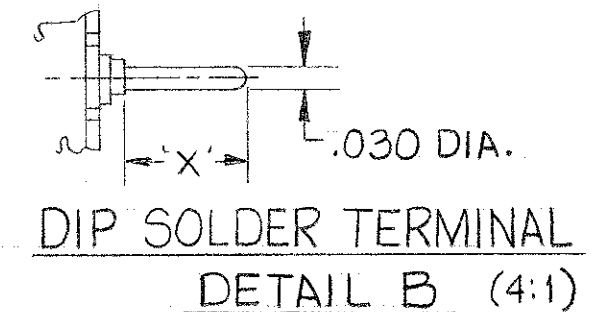
SIZE	'A'	'B'	'C'	'D' ^{+0.010} _{-0.000}
4	.562	²⁵ / ₃₂	.195	.468
5	.468	¹¹ / ₁₆	.190	.375
7	.562	²⁵ / ₃₂	.190	.468
9	.656	⁷ / ₈	.190	.562
11	.532	²⁵ / ₃₂	.270	.438
14	.625	⁷ / ₈	.270	.531
20	.814	^{1 1} / ₁₆	.270	.720
26	1.000	^{1 1} / ₄	.270	.906
29	1.094	^{1 11} / ₃₂	.270	1.000
34	1.032	^{1 1} / ₄	.380	.938
44	1.281	^{1 1} / ₂	.380	1.187
50	1.408	^{1 5} / ₈	.380	1.314

REVISIONS			
SYM.	DESCRIPTION	DATE	APP'D.
E	SEE SHEET 1	11/5/93	2/1

RECOMMENDED PANEL CUT-OUTS



TYPE	DIM. 'Y'
DD7	.065
DD14	.140
DD18	.180



TYPE	DIM. 'X'
DD13	.125
DD16	.156
DD31	.310

NOTES:

1-MATERIAL & FINISHES:

MOLDING - DIALYL PHTHALATE PER MIL-M-14, TYPE SDG-F.

CONTACTS - SPRING TEMPER PHOSPHOR BRONZE PER QQ-B-750, GOLD PLATED OVER COPPER OR BERYLLIUM COPPER PER QQ-C-530, GOLD PLATED OVER COPPER.

'C' WASHER - SPRING TEMPER PHOSPHOR BRONZE PER QQ-B-750, GOLD PLATED OVER COPPER.

SCREWLOCKS, NUTS, WASHERS - STAINLESS STEEL NON-MAGNETIC, PASSIVATED.

GUIDES - BRASS ASTM B16, GOLD PLATED OVER COPPER OR STAINLESS STEEL #303, PASSIVATED.

HOODS & C. CLAMPS, BRACKET - ALUMINUM, ANODIZED PER MIL-M-8625A.

KNOBS, SET SCREWS, NUTS - STEEL, CADMIUM PLATED PER QQ-P-416, IRIDESCENT GOLD COLOR.

RET. RING - BRASS PER QQ-B-626, NICKEL PLATED.

C.C. SCREWS - BRASS, CADMIUM PLATED PER QQ-P-416, IRIDESCENT GOLD COLOR.

LOCKWASHER - PHOSPHOR BRONZE, CADMIUM PLATED PER QQ-P-416, IRIDESCENT GOLD COLOR.

2-ELECTRICAL SPECIFICATIONS:

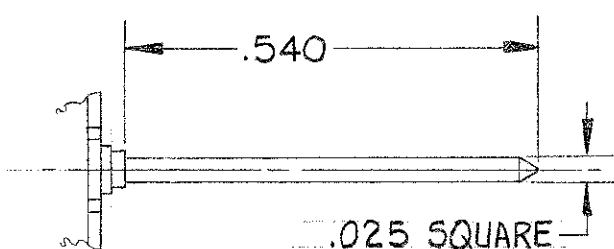
CONTACT SIZE - NO. 22 (.030 DIA.) ACCOMMODATES NO. 22 A.W.G. WIRE.

CONTACT RATING - 5 AMPS.

CREEPAGE PATH BETWEEN CONTACTS - ¹/₁₆ MIN.

AIR SPACE BETWEEN CONTACTS - .031 MIN.

	TEST VOLTAGE	WORKING VOLTAGE
SEA LEVEL	1000 VOLTS A.C. RMS.	490 VOLTS D.C.
70,000	300 VOLTS A.C. RMS.	125 VOLTS D.C.

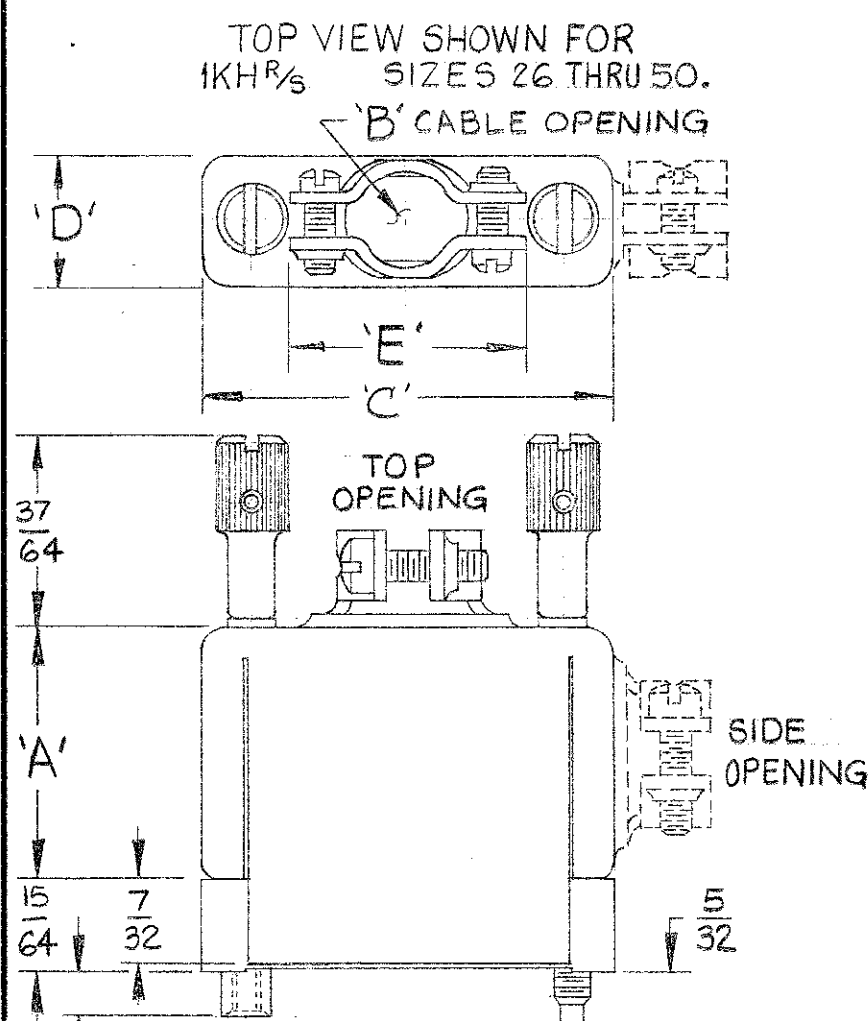


EFFECTIVE APRIL 21, 1989 THIS DRAWING BECAME THE PROPERTY OF LITON SYSTEMS, INCORPORATED WINCHESTER ELECTRONICS DIVISION 400 PARK RD., WATERTOWN, CT 06795

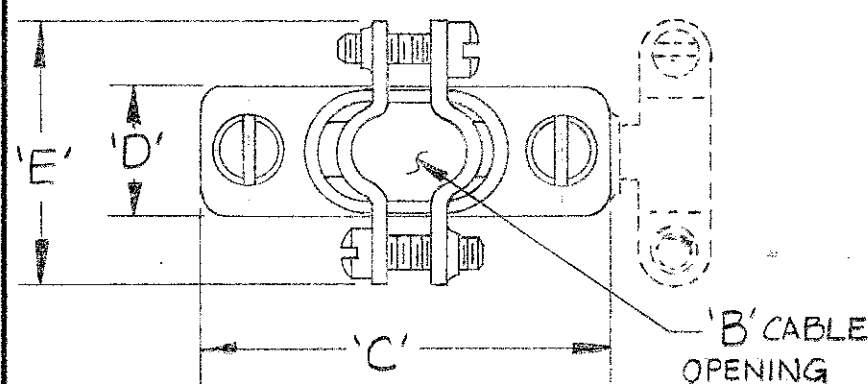
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APPLICATION		
TOLERANCES UNLESS OTHERWISE SPECIFIED	DECIMALS	FRACTIONS
± .005	± ¹ / ₆₄	±

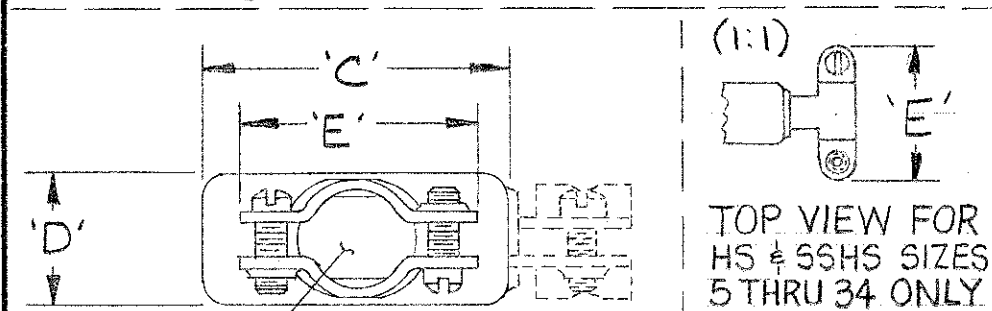
U.S. COMPONENTS INC.			
35 CARLOUGH ROAD BOHEMIA, N.Y. 11716			
TITLE COMPOSITE OUTLINE ASSY, UMI-() M/F CONNECTOR			
MATERIAL	DRAWN BY	DATE	REV.
	AK	3-18-87	
FINISH	APP'D. BY	DATE	
	AW	4-24-87	
SCALE	DRAWING NUMBER		
AS NOTED	093008 SH.2 OF 4		



TYPE 1KH^R
LONG TURNABLE SCREWLOCKS WITH
HOOD & CABLE CLAMP (2:1)

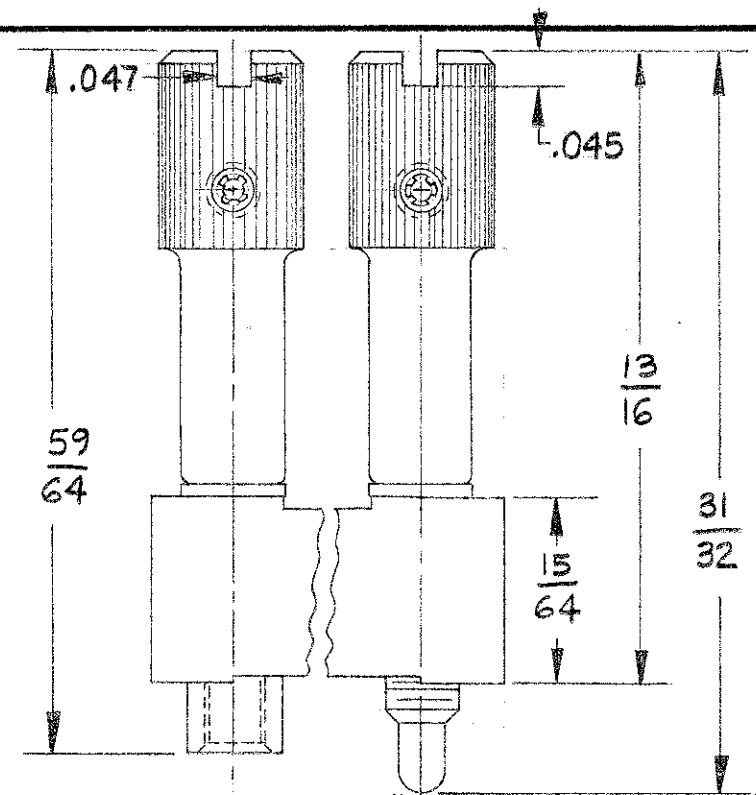


TOP VIEW SHOWN FOR
1KH R/S SIZES 5 THRU 20.



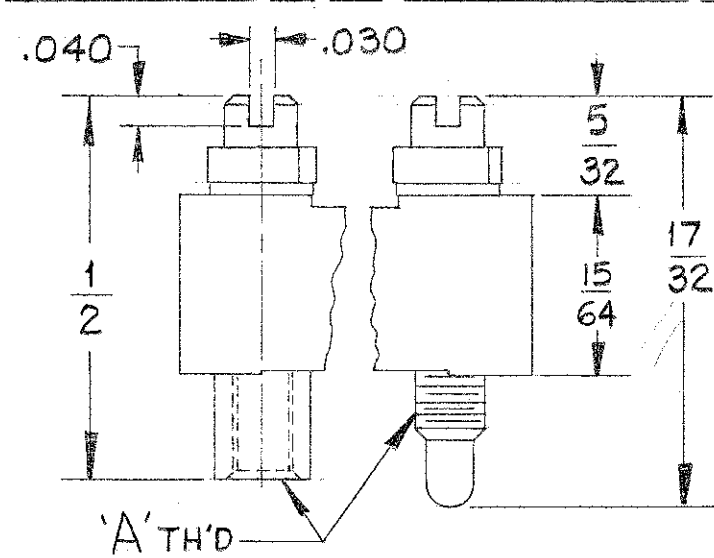
TYPE H^R & SSH^R

STANDARD GUIDES WITH HOOD & CABLE CLAMP.
ST. ST. GUIDES WITH HOOD & CABLE CLAMP. (2:1)



TYPE 1K

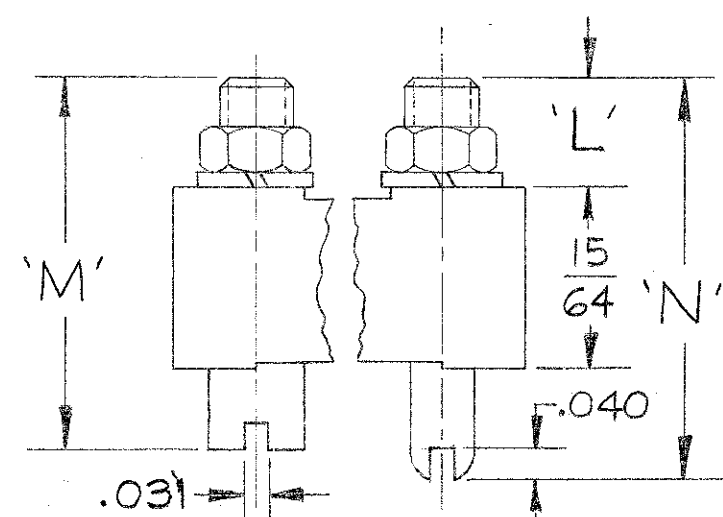
2-56 TH'D SHORT TURNABLE SCREWLOCKS
WITH KNOB (4:1)



TYPE 1KL & 2KL

TYPE	'A' THREAD
1KL	2-56
2KL	3-48

SHORT TURNABLE SCREWLOCKS
KNOBLESS (4:1)

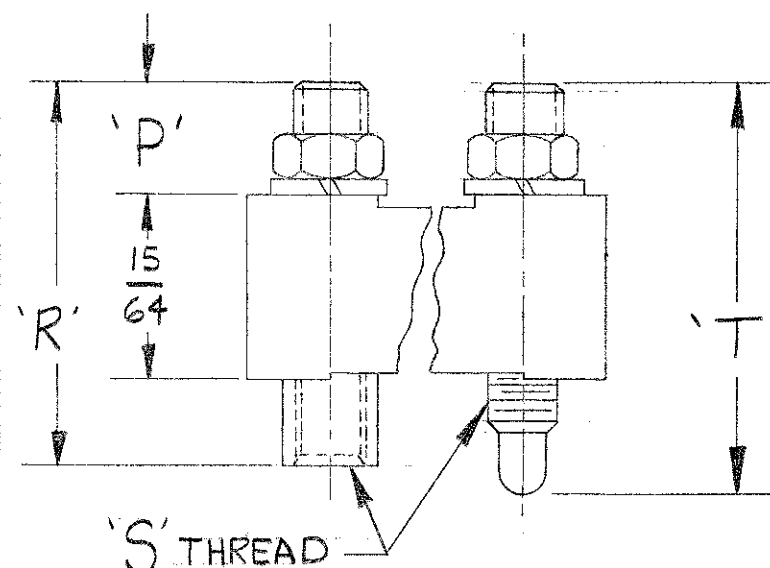


TYPE GUIDES

STANDARD POLARIZED BRASS GUIDES OR OPTIONAL
STAINLESS STEEL GUIDES .150 MTG STUD EXT.
OR .250 MTG. STUD EXT. (4:1)

STYLE	'L'	'M'	'N'
ST'D	.150	.484	.531
SS	.150	.484	.531
SS25	.250	.578	.625

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WINCHESTER ELECTRONICS DIVISION
400 PARK RD., WATERTOWN, CT 06795



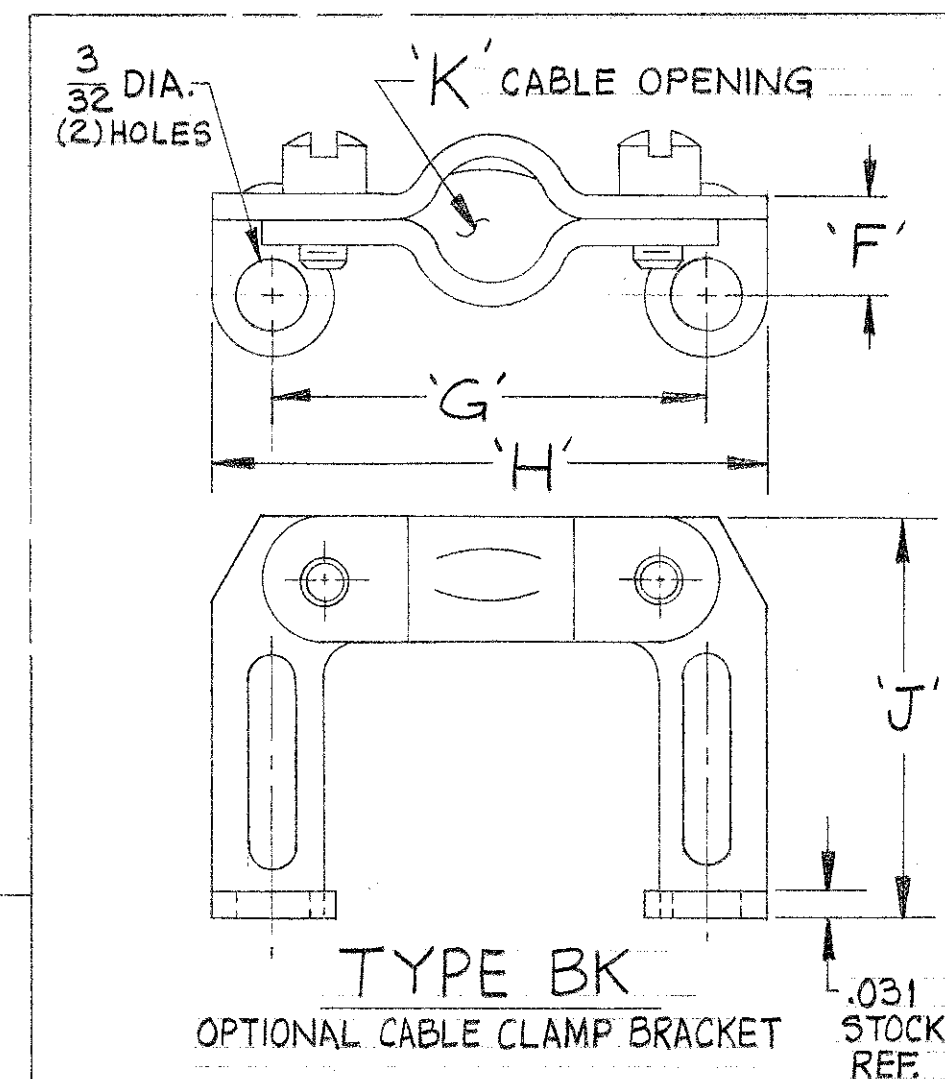
TYPE SCREWLOCKS
FIXED SCREWLOCKS-CHASSIS MTG. (4:1)

STYLE	'P'	'R'	'S' THREAD	'T'
1SL	.150	.500	2-56	.543
2SL	.150	.500	3-48	.543
1SL25	.250	.590	2-56	.630
2SL25	.250	.590	3-48	.630

ON MALE CONNECTORS FEMALE GUIDE OR SCREWLOCK
MOUNTED AT 'A' END.
ON FEMALE CONNECTORS MALE GUIDE OR SCREWLOCKS
MOUNTED AT 'A' END.

SIZE	'D' REF.	'A'	'B' CABLE OPENING 1KH R/S	'B' CABLE OPENING H R/S	'C'	'E' HS & SSHS	'E' HR & SSHR	'E' 1KH R/S	'F' REF.	'G' ±.010	'H' REF.	'J' MAX.	'K' CABLE OPENING REF.
5	1/4	5/8	.18 x .33	.18 x .24	11/16	19/32	39/64	19/32	—	—	—	—	—
7	1/4	5/8	.18 x .33	.18 x .33	25/32	19/32	39/64	19/32	.130	.562	.72	.50	.13 x .16
9	1/4	5/8	.18 x .33	.18 x .33	7/8	19/32	39/64	19/32	.130	.656	.81	.50	.13 x .16
11	21/64	5/8	.24 x .33	.24 x .33	25/32	19/32	39/64	19/32	.130	.532	.69	.50	.17 x .22
14	21/64	5/8	.24 x .33	.24 x .33	7/8	19/32	39/64	11/16	.130	.625	.78	.50	.17 x .22
20	21/64	5/8	.24 x .46	HR .24 x .46 HS .18 x .31	1 1/16	19/32	53/64	11/16	.130	.814	.97	.87	.26 x .31
26	21/64	5/8	.24 x .46	.24 x .46	1 1/4	11/16	53/64	53/64	.130	1.000	1.16	.87	.39 x .44
29	21/64	5/8	.24 x .46	.24 x .46	1 11/32	11/16	53/64	53/64	.130	1.094	1.25	.87	.39 x .44
34	7/16	5/8	.34 x .46	.34 x .46	1 1/4	11/16	53/64	53/64	.190	1.032	1.19	.87	.42 x .47
44	7/16	1 3/16	.34 x .46	.34 x .46	1 1/2	53/64	53/64	53/64	.190	1.281	1.44	.87	.46 x .53
50	7/16	1 3/16	.34 x .46	.34 x .46	1 5/8	53/64	53/64	53/64	.190	1.408	1.56	.87	.46 x .53

REVISIONS			
SYM.	DESCRIPTION	DATE	APP'D.
E	SEE SHEET 1	11/5/80	28



U.S. COMPONENTS INC. 35 CARLOUGH ROAD BOHEMIA, N.Y. 11716			
TITLE COMPOSITE OUTLINE ASSY, UMI () M/F CONNECTOR			
MATERIAL		DRAWN BY	DATE
FINISH		APP'D. BY	DATE
SCALE AS NOTED		DRAWING NUMBER	REV.
NOTED 093008 ST3 of 4			E

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NEXT ASS'Y	USED ON	
APPLICATION		
TOLERANCES UNLESS OTHERWISE SPECIFIED		
<u>DECIMALS</u>	<u>FRACTIONS</u>	<u>ANGULAR</u>
±	±	±

4

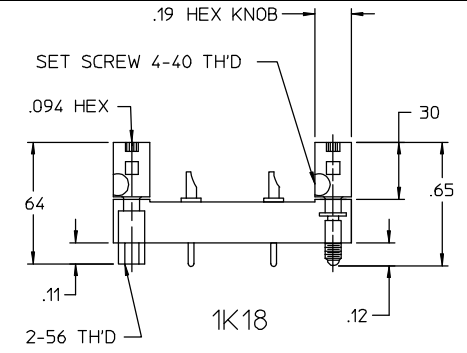
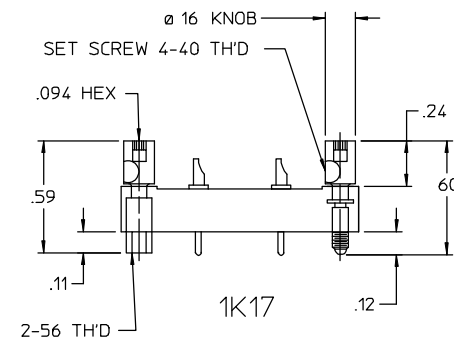
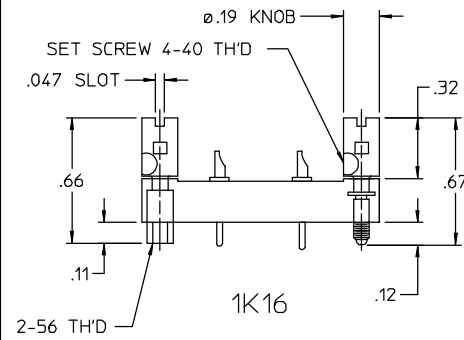
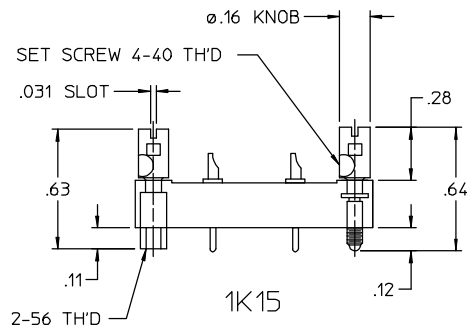
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2

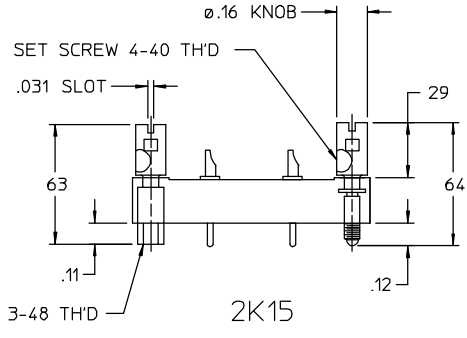
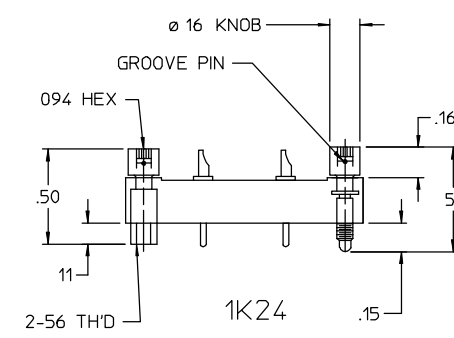
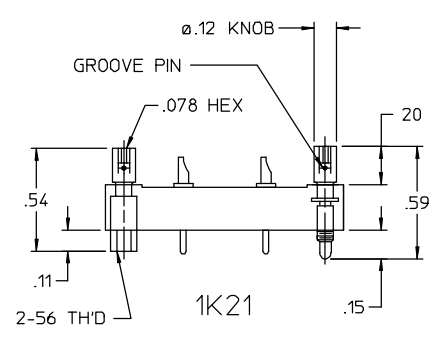
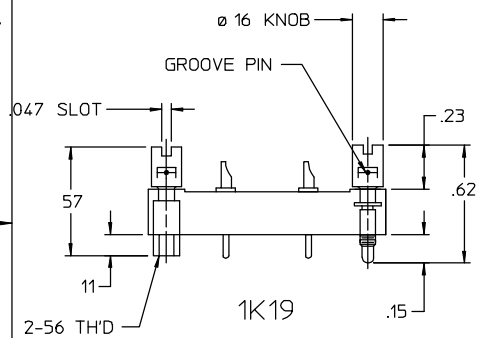
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OPTIONAL KNOB CONFIGURATIONS FOR TURNABLE JACKSCREWS

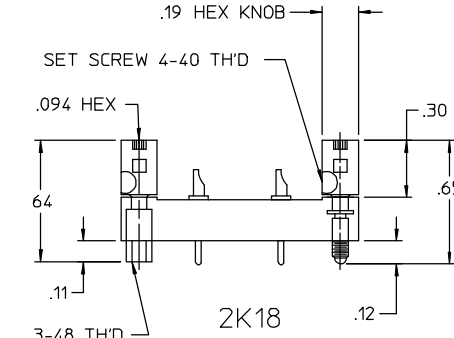
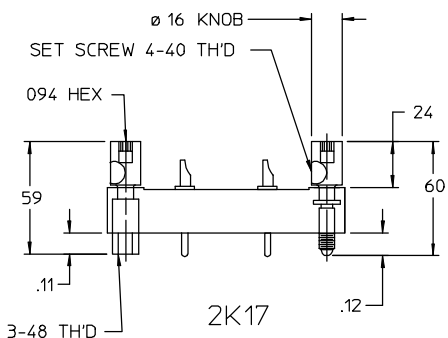
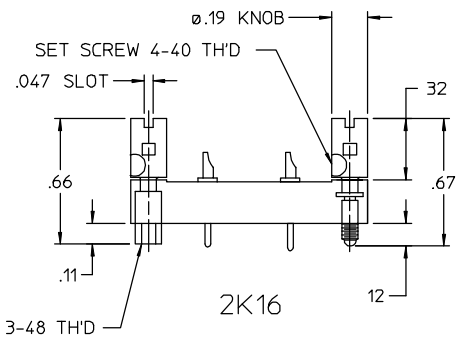
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C



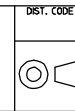
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A

REV	DATE	DESCRIPTION	BY	APPD
1	11/05/90	REVISOR & REDRAWN	JMG	
2		REVISOR & REDRAWN	ECR	
3		REVISOR & REDRAWN	ECR	
4		REVISOR & REDRAWN	ECR	

PER ANSI Y14.5M-1982
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.
TOLERANCES
DECIMALS .XX ±
XXX ±
ANGLES ±
SCALE:



DISY. CODE

Littion
Winchester
Electronics

400 Park Road
Waterbury, Connecticut
06725

TITLE		REV.
COMPOSITE OUTLINE ASSY. UMI- () M/F CONNECTOR		
C	093008	SH. 4 OF 4
		E