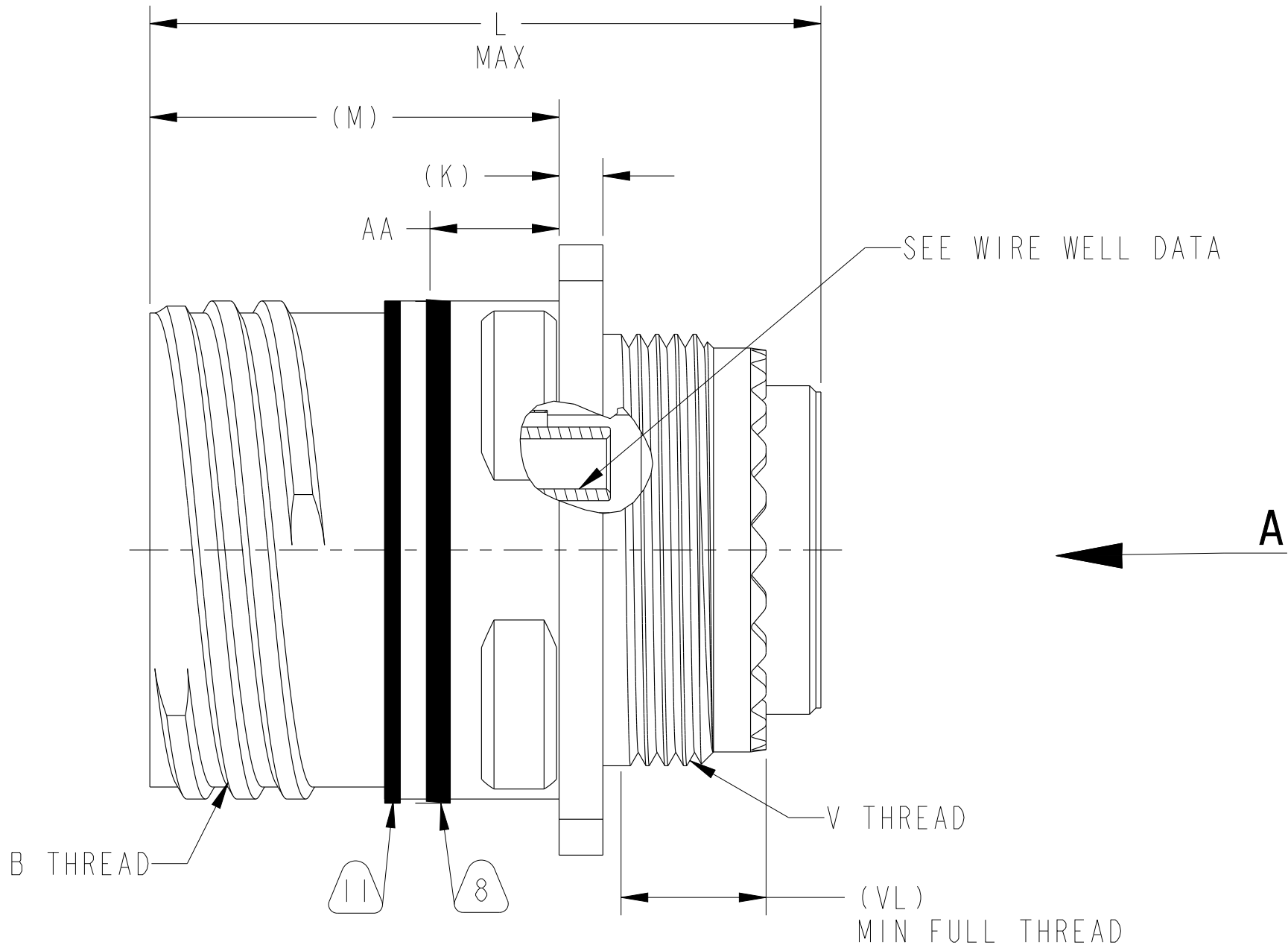
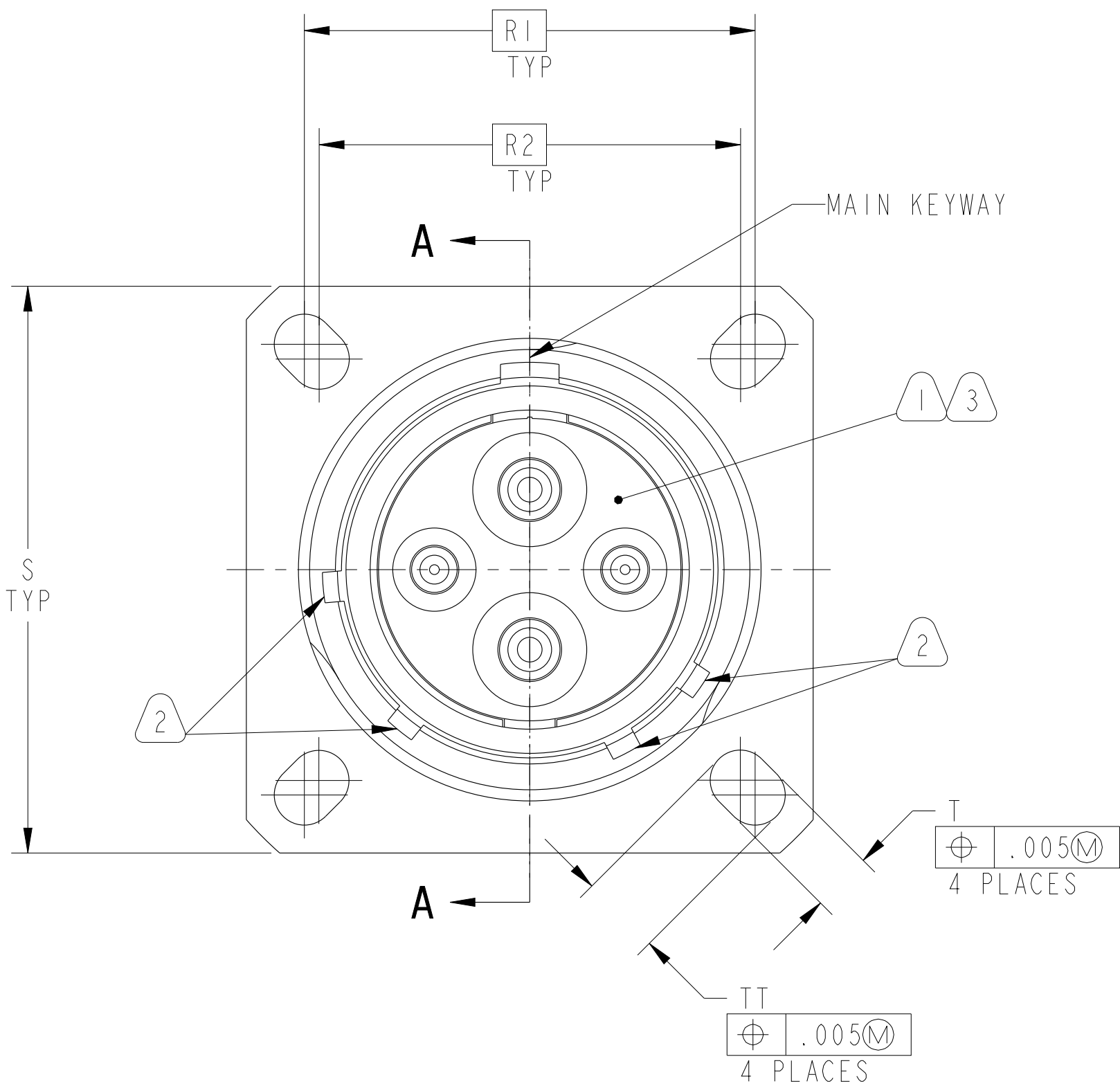
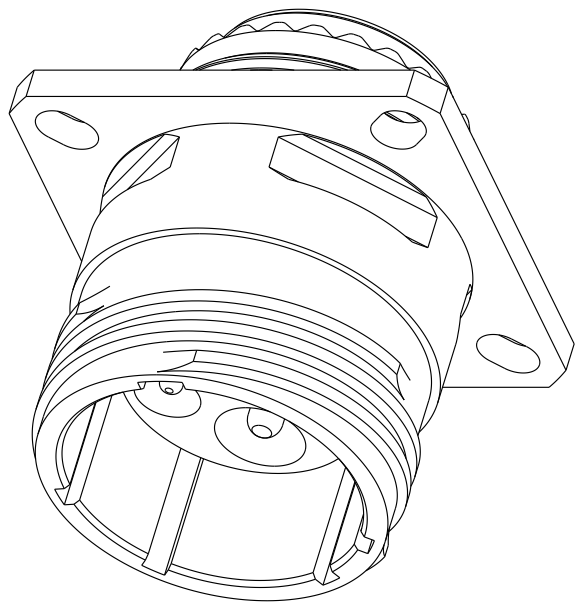


REV.	SHEET 1 OF 5	DOCUMENT NO. FX-778380/389
REVISIONS M		
LTR	DESCRIPTION	DATE
A	INITIAL RELEASE	



PARTIAL SECTION A-A



ISOMETERIC VIEW
SCALE 2.000

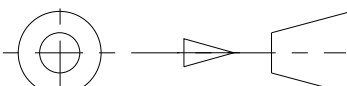
NOTES: SEE SHEET 5

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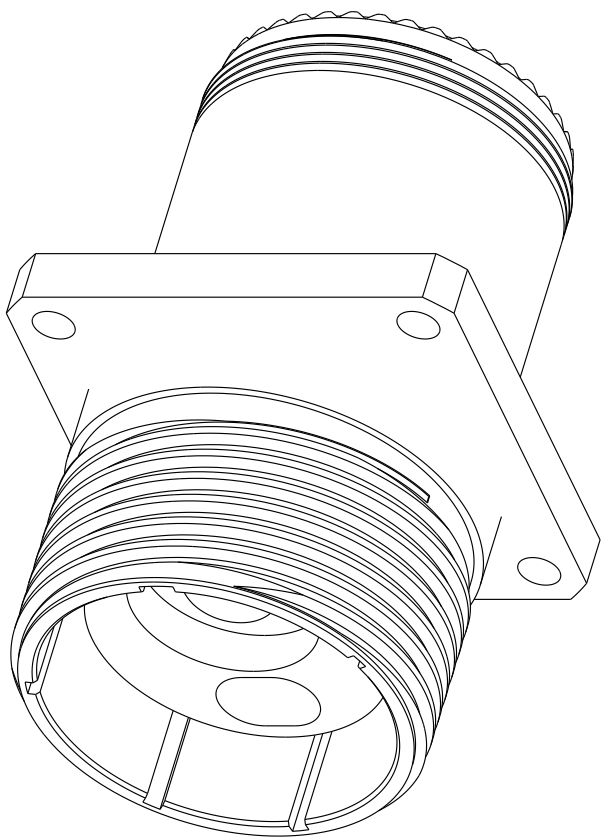
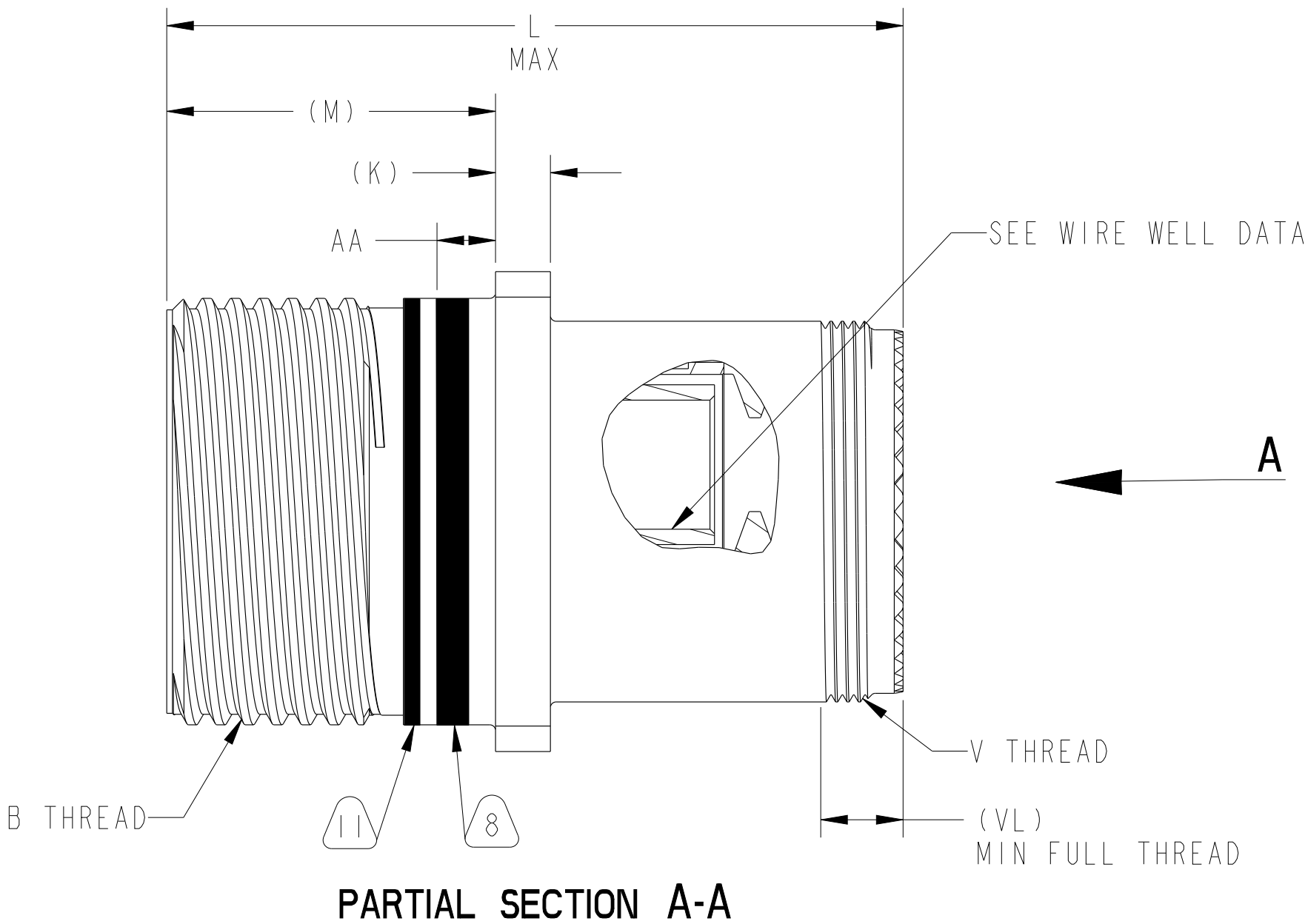
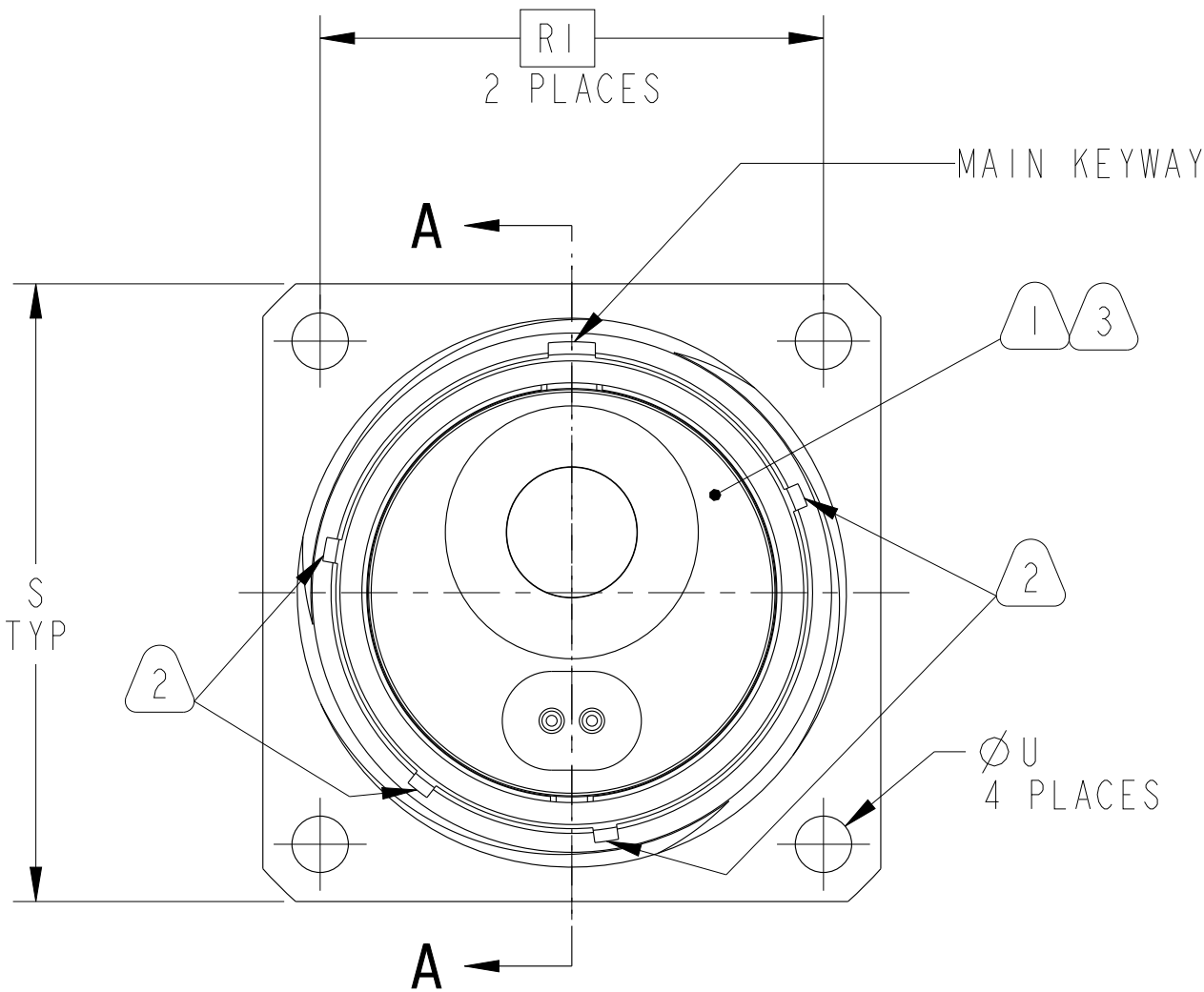
NONE
NEXT ASSEMBLY

PRO/ENGINEER INFORMATION
Pro/e Model Used:
HVC00RF15-54P.ASSEM
Drawing Name:
FX-778380_389

PRELIMINARY
DRAWING
PA1

UNLESS OTHERWISE SPECIFIED		SPECIFICATIONS		POS	QTY	PART NUMBER	DESCRIPTION	NOTE		
LINEAR DIMENSIONS ARE IN INCHES TOLERANCES: .XXXX = ±.0005 ANGLES= ±2° .XXX = ±.010 .XX = ±.03 .X = ±.1 ----- DIM. & TOL. PER ASME Y14.5M; DRM PER MIL-STD-31000; OTHER Amphenol Sids. PER 9-3800 LEGENDS: -FLAG NOTE CALL OUT REFERENCE ONLY 		MATERIAL SPEC.		APPROVALS		DATE	PARTS LIST AMPHENOL CORPORATION 40-60 DELAWARE AVENUE SIDNEY, N.Y. 13838 CONNECTOR, WALL MOUNT RECEPTACLE, U TYPE HV00(), ALUMINUM, HV38999			
		NONE		PREPARED BY		S.HERMAN			22-Feb-21	
		PROCESS SPEC.		ENGINEER IN CHARGE		B.BALDWIN				
				DESIGN MANAGER		B.BALDWIN				
				DESIGN ACTIVITY GROUP		COM-AIR				
SEE NOTE 6		THIRD ANGLE PROJECTION				SIZE	CAGE CODE	DOCUMENT NO.	REV.	
						C	77820	FX-778380/389	-	
						SCALE: 3.5		REF. FX-778200/209	SHEET 1 OF 5	

TYPE II

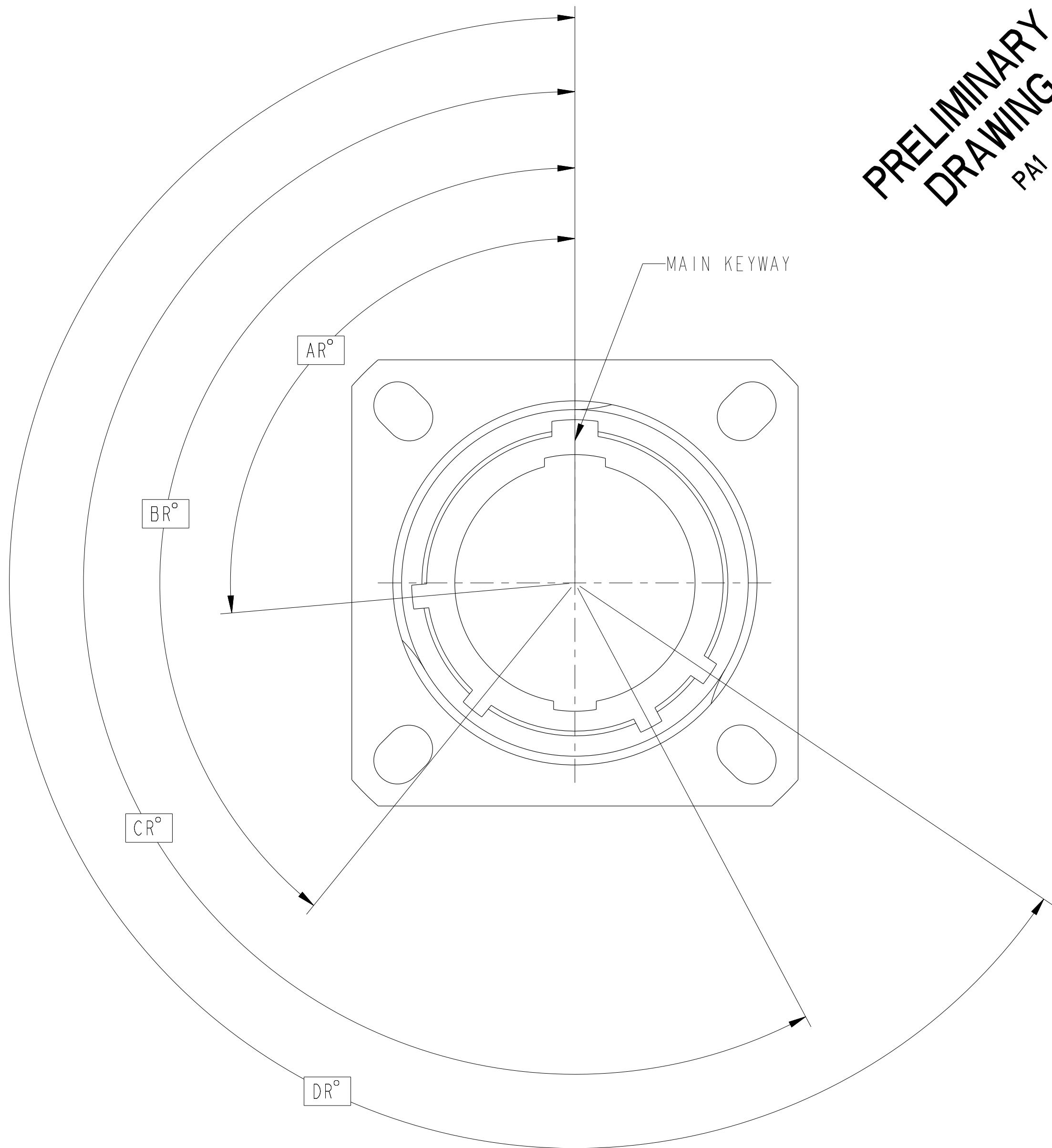


ISOMETRIC VIEW
SCALE 1.500

PRELIMINARY
DRAWING
PA1

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**PRELIMINARY
DRAWING**
PA1

TYPE I					
MINOR KEYWAY LOCATION TABLE					
SHELL SIZE	KEYWAY ARRANGEMENT IDENT. LETTER	AR°	BR°	CR°	DR°
11 THROUGH 15	NORMAL	95	141	208	236
	A	113	156	182	292
	B	90	145	195	252
	C	53	156	220	255
	D	119	146	176	298
	E	51	141	184	242
17 THROUGH 25	NORMAL	80	142	196	293
	A	135	170	200	310
	B	49	169	200	244
	C	66	140	200	257
	D	62	145	180	280
	E	79	153	197	272

TYPE II				
MINOR KEYWAY LOCATION TABLE				
KEYWAY ARRANGEMENT IDENT. LETTER	AR°	BR°	CR°	DR°
NORMAL	80	142	188	293
A	135	170		310
B	49	169		244
C	66	140		257
D	62	145		280
E	79	153		272

NOTES: SEE SHEET 5

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SIZE C	CAGE CODE 77820	DOCUMENT NO. FX-778380/389	REV. -
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ASSEMBLY NUMBER	CUSTOMER NUMBER (REF)	SHELL SIZE	CONNECTOR TYPE 12	B THREAD PER 9-3200-2	(K)	L MAX	(M)	R1	R2	(S)	T ±.008	TT ±.008	ØU ±.003	V THREAD PER 9-7543	(VL) MIN	AA MAX PANEL THICKNESS
()-778380-()-()-()	HV00()11-()-()-()	11	TYPE I	.7500-0.1P-0.3L-TS	.080	1.370	.8175	.812	.719	1.031	.128	.194	N/A	M15 X 1-6g 0.100R	.280	.234
()-778381-()-()-()	HV00()13-()-()-()	13	TYPE I	.8750-0.1P-0.3L-TS	.080	1.370	.8175	.906	.812	1.125	.128	.194	N/A	M18 X 1-6g 0.100R	.280	.234
()-778382-()-()-()	HV00()15-()-()-()	15	TYPE I	1.000-0.1P-0.3L-TS	.080	1.370	.8175	.969	.906	1.219	.128	.173	N/A	M22 X 1-6g 0.100R	.280	.234
()-778383-()-()-()	HV00()17-()-()-()	17	TYPE I	1.1875-0.1P-0.3L-TS	.080	1.370	.8175	1.062	.969	1.312	.128	.194	N/A	M25 X 1-6g 0.100R	.280	.234
			TYPE II		.193	2.600	1.156		N/A		N/A	N/A	.129			TBD
()-778384-()-()-()	HV00()19-()-()-()	19	TYPE I	1.2500-0.1P-0.3L-TS	.080	1.370	.8175	1.156	1.062	1.438	.128	.194	N/A	M28 X 1-6g 0.100R	.280	.234
			TYPE II		.193	2.600	1.156		N/A		N/A	N/A	.129			TBD
()-778385-()-()-()	HV00()21-()-()-()	21	TYPE I	1.3750-0.1P-0.3L-TS	.110	1.370	.7875	1.250	1.156	1.562	.128	.194	N/A	M31 X 1-6g 0.100R	.280	.204
			TYPE II		.193	2.600	1.156		N/A		N/A	N/A	.129			TBD
()-778386-()-()-()	HV00()23-()-()-()	23	TYPE I	1.5000-0.1P-0.3L-TS	.110	1.370	.7875	1.375	1.250	1.688	.154	.242	N/A	M34 X 1-6g 0.100R	.280	.204
			TYPE II		.193	2.600	1.156		N/A		N/A	N/A	.155			TBD
()-778387-()-()-()	HV00()25-()-()-()	25	TYPE I	1.6250-0.1P-0.3L-TS	.110	1.370	.7875	1.500	1.375	1.812	.154	.242	N/A	M37 X 1-6g 0.100R	.280	.204
			TYPE II		.193	2.600	1.156		N/A		N/A	N/A	.155			TBD
()-778388-()-()-()	HV00()33-()-()-()	33	TYPE II	1.8750-0.1P-0.3L-TS	.193	2.600	1.156	1.750	N/A	2.312	N/A	N/A	.210	M45 X 1.5-6g 0.188R	.594	TBD
()-778389-()-()-()	HV00()37-()-()-()	37	TYPE II	2.1250-0.1P-0.3L-TS	.193	2.600	1.156	1.922	N/A	2.484	N/A	N/A	.210	M50 X 1.5-6g 0.188R	.594	TBD

TO COMPLETE, ADD KEYWAY ROTATION (OMIT FOR NORMAL)

TO COMPLETE, SEE CONTACT TYPE TABLE

TO COMPLETE, ADD INSERT ARRANGEMENT

TO COMPLETE, SEE SERVICE CLASS TABLE

TO COMPLETE, SEE CONTACT TYPE TABLE

TO COMPLETE, ADD CONTACT GENDER/SHELL ROTATION SUFFIX PER 9-2437-25

TO COMPLETE, ADD INSERT ARRANGEMENT

TO COMPLETE, SEE SERVICE CLASS TABLE

PRELIMINARY
DRAWING
PA1

WIRE WELL DATA						
CONTACT SIZE	22D	16	12	8	4	0
WELL DIA	.0345±.0010	.067±.001	.100±.002	.181±.002	.281±.002	.453±.002
WELL DEPTH	.141 ^{+.016} _{-.000}	.209 ^{+.020} _{-.000}	.209 ^{+.020} _{-.000}	.490 ^{+.015} _{-.000}		.580 ^{+.020} _{-.000}

NOTES: SEE SHEET 5

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CONTACT TYPE TABLE 13			
ASSY NO. DESIGNATION	CODED NO. DESIGNATION	CONTACT DRAWING NUMBER	DESCRIPTION
OMIT	P	10-770011-()	PIN, SILVER PLATED
	S	10-770012-()	SOCKET, SILVER PLATED
A	H	10-770008-()	HIGH PERFORMANCE SOCKET, SILVER PLATED
B	R	10-770010-()	RADSOK SOCKET, SILVER PLATED
C	GP	10-770011-()	PIN, GOLD PLATED
	GS	10-770012-()	SOCKET, GOLD PLATED
E	GH	10-770008-()	HIGH PERFORMANCE SOCKET, GOLD PLATED
F	GR	10-770010-()	RADSOK SOCKET, GOLD PLATED
L	A	N/A	LESS PIN CONTACTS
	B		LESS SOCKET CONTACTS

SIZE C	CAGE CODE 77820	DOCUMENT NO. FX-778380/389	REV. -
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EXPLANATION OF PART NUMBER											
HV 00 RF 15 - 54 A A											
KEYING POLARIZATION (A, B, C, D, E) OMIT FOR NORMAL ROTATION											
CONTACT CODE, SEE CONTACT TYPE TABLE											
INSERT ARRANGEMENT PER L-218XX-HVXX											
SHELL SIZE, 11-37											
SHELL FINISH, SEE SERVICE CLASS TABLE											
SHELL STYLE, WALL MOUNT RECEPTACLE											
BASIC STANDARD, HV38999, ALUMINUM											
EXPLANATION OF PART NUMBER											
91 - 778 20 2 - 54 G L											
CONTACT CODE, SEE CONTACT TYPE TABLE											
CONTACT GENDER/SHELL ROTATION SUFFIX PER 9-2437-25											
INSERT ARRANGEMENT PER L-218XX-HVXX											
SHELL SIZE, 11-37											
ALUMINUM, WALL MOUNT RECEPTACLE											
HV38999											
SHELL FINISH, SEE SERVICE CLASS TABLE											
PRELIMINARY DRAWING PA1											
STAMP "AMPHENOL", CODED NUMBER, DATE CODE, AND LOT NUMBER (9-3895) PER 9-5788. EXAMPLE: AMPHENOL HV00RF15-54P 2121 20001000 FOR ROTATED KEYWAYS EXAMPLE: AMPHENOL HV00RF15-54PA 2121 20001000											
VIEW AT A											
NOTES:											
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SCALE: 3.5											
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SHEET 5 OF 5											
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