



REVISIONS				
DESCRIPTION	DATE	LETTER	ECO. NO.	

REFERENCE DRAWINGS

TOLERANCES				UNLESS OTHERWISE SPECIFIED			
2 PL. INCHES	3 PL. INCHES	ANGLES	DRILL DEPTHS	CAP. IN. MFD.	RES. IN. OHMS	% W	DFTSMN
±.020	±.010	±1°	TO FULL DIAMETER				
			TAP DEPTHS ARE MINIMUM FULL THREADS				
			REMOVE ALL BURRS AND SHARP EDGES				

MATERIAL		FINISH		TITLE	
SEE P/L				ACTUATOR ASSY -	
STOCK SIZE				LINEAR-244.415	

ACTUATOR ASSY-LINEAR,
244.41S

PART 408565-01 LIST
(REV = A)

MTS SYSTEMS

08/29/85

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PART NO.	DESCRIPTION	VENDOR NAME AND PART NO.	QTY	UM	ITM
368671-05	CYLINDER ASSY 244.41S NON-STANDARD		1.00	EA	001
343082-04	MANIFOLD ASSY-256.25 S/V, 204.XX		1.00	EA	002
367391-05	LVDT ASSY-CLOSED HOUSING 244.41, 12 IN STROKE		1.00	EA	003
363273-05	SWIVEL BASE ASSEMBLED 244.41		1.00	EA	004
363274-05	SWIVEL ROD ASSY 244.41, 2-12 THD		1.00	EA	005
069447-02	LOAD CELL-661.23A-02		1.00	EA	006
371004-07	SPIRAL WASHER .75 THK 2.000 ID X 5.12 OD		1.00	EA	007
059140-20	STUD-CONTINUOUS THREAD		1.00	EA	008

PART NO.	REV LEV	STROKE-IN		STROKE-MM		CUSHION LENGTH	DIMENSIONS							PAINT SPEC	NOTES	APPROVAL		
		DYN	STATIC	DYN	STATIC		"A"	"B"	"C"	"D"	"E" DIA	"F"	"G"			H TAPPED HOLES	INIT.	DATE
368671-01		8.00	10.00	203.2	254.0	1.000	12.250	25.26	10.13	1.50	1.62	1.500	3.250	3/8-16NC-2B X.70 DP	D063880 -14	NO HI PRESS. ROD SEAL, ITEMS 8 & 9	<i>[Signature]</i>	6-2-82
-02		6.00	7.00	152.4	177.8	.500	9.250	22.26	7.13	15.50	1.25	1.500	3.00	3/8-16UNC-2B X.70 DP	D063880 -14	.50 IN. CUSHIONS & 3/2.41 X-HD MTG	<i>[Signature]</i>	10-18-82
-03		6.00	6.00	152.4	152.4	NONE	12.250	18.27	6.13	9.25	.75	—	—	—	-14	SPCL. O-RINGS, SEE 	<i>[Signature]</i>	11-17-83
-04		8.00	9.20	203.2	233.6	.60	11.000	22.25	9.30	1.12	.75	—	—	—	-14	.60 CUSHIONS & NO HI PRESS. ROD SEAL, SPCL. BRGS.	<i>[Signature]</i>	7-2-84
-05		10.00	12.00	254.0	304.8	1.00	14.250	27.26	12.13	1.50	1.62	1.500	3.25	3/8-16NC-2B X.70 DP	-14	1.00 IN CUSHIONS STRUCTURAL/ACTUATORS	<i>[Signature]</i>	2-7-85

REVISIONS	DESCRIPTION	DFTSMN	APPL	DATE	
					LETTER

UNLESS OTHERWISE SPECIFIED

TOLERANCES			CAP. IN MFD ± % RES. IN OHMS ± % W		DFTSMN	CHECK	ENGR	MFG
2 PLACE INCHES ±.030	3 PLACE INCHES ±.010	ANGLES ±1°	DRILL DEPTHS ARE TO FULL DIAMETER		<i>PAM</i>			
DO NOT SCALE DRAWING			TAP DEPTHS ARE MINIMUM FULL THREADS		DATE	DATE	DATE	DATE
			REMOVE ALL BURRS AND SHARP EDGES		5/18/82		6-2-82	
MATERIAL	MTS NO.	SURFACE FINISH	TITLE					
		125 ✓	CYLINDER ASSY					
STOCK SIZE	QUANTITY	SCALE	244.41 \$ NON-STANDARD					
FINISH	THIRD ANGLE PROJ.		FIRST USED ON	SIZE	NUMBER	REV		
				C	368671XX			
MTS SYSTEMS CORPORATION MINNEAPOLIS, MINNESOTA 55424 U.S.A.			MODEL/SYSTEM NO.	V CARD	P/L	SHEET 4 OF 4		
			927.58-20					