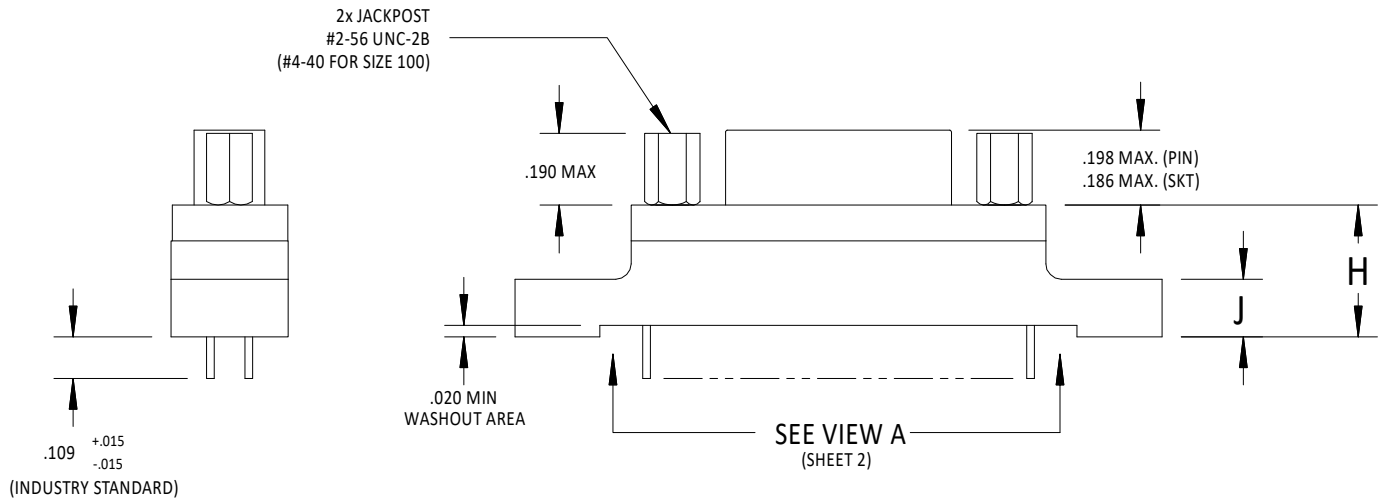
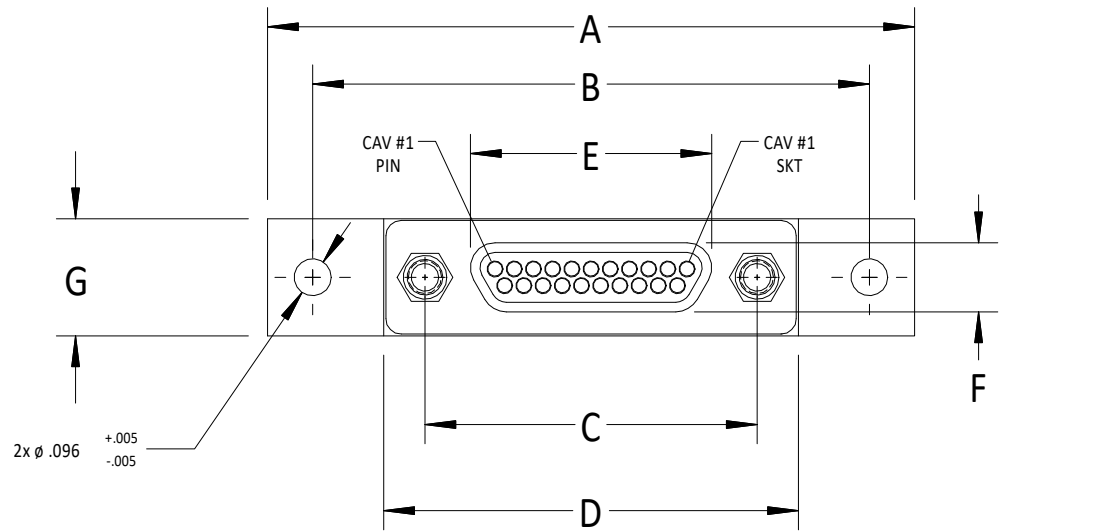


REVISIONS				
ECO	REV	DESCRIPTION	DATE	APPROVED
	C	REVISED AND REDRAWN	5/23/19	WC
	D	SHT 2 CORRECTED DIMENSIONS	4/29/25	WC



CONN SIZE		A MAX	B +/- .007	C +/- .005	D MAX	E MAX	F MAX	G MAX	H MAX	J MAX	
9	PIN	1.390	1.150	0.565	0.788	0.291	0.142	0.308	0.355	0.165	
	SKT					0.372	0.215				
15	PIN	1.390	1.150	0.715	0.928	0.441	0.142				
	SKT					0.522	0.215				
21	PIN	1.690	1.450	0.865	1.078	0.591	0.142				
	SKT					0.672	0.215				
25	PIN	1.740	1.500	0.965	1.178	0.691	0.142				
	SKT					0.772	0.215				
31	PIN	2.040	1.800	1.115	1.328	0.841	0.142				
	SKT					0.922	0.215				
37	PIN	2.340	2.100	1.265	1.478	0.991	0.142				
	SKT					1.072	0.215				
51	PIN	2.270	2.000	1.215	1.428	0.941	0.177				0.351
	SKT					1.022	0.260				
100	PIN	3.250	2.800	1.800	2.585	1.384	0.270	0.460	0.550	0.460	
	SKT					1.498	0.394				

1. DIMENSIONS ARE IN INCHES.
2. TOLERANCE FOR ALL DIMENSIONS IS +/- .005" UNLESS OTHERWISE SPECIFIED.
3. SEE SHEET 2 FOR TERMINATION LAYOUTS.
4. CIRCUIT NUMBERS SHOWN ON SHEET 2 ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON PART.
5. STANDARD LEAD LENGTHS ARE .109", .140", AND .172". OTHER LENGTHS ARE AVAILABLE. CONSULT FACTORY.
6. MORE THAN ONE FACTORY CODE MAY BE USED. CONSULT FACTORY FOR ADDITIONAL MODIFICATION CODES.

M N R-21 P BS P - .XXX / 01

<u>SERIES</u>	<u>FACTORY MOD CODE</u> (NOTE 6)
M = M SERIES	/01 = HIGH TEMPERATURE (200C)
	INSULATOR CODE 'R' ONLY
<u>SHELL PLATING</u>	<u>STANDARD LEAD LENGTHS (DEC)</u>
A = ALODINE	.109 = (LEAVE FIELD BLANK)
B = BLASCK ANODIZE	.140
C = CADMIUM	.172
G = GOLD	(OTHER LENGTHS AVAILABLE CONSULT SALES)
N = ELECTROLESS NICKEL	
<u>INSULATOR MATERIAL</u>	<u>JACKPOST</u>
E = POLYESTER (WHITE)	OMIT 'P' IF NO JACKPOST REQUIRED
R = POLYPHENYLENE SULFIDE (BLACK)	
<u>CONTACT LAYOUT (SHELL SIZE)</u>	<u>BOARD MOUNT STYLE</u>
9, 15, 21, 25, 31, 37, 51, 100	BS = VERTICAL BOARD MOUNT
<u>CONTACT TYPE (GENDER)</u>	
P = PIN (PLUG)	
S = SOCKET (RECEPTACLE)	

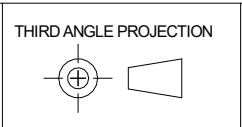
M E S - 21 P B S P - .XXX / 01

<u>SERIES</u>	<u>FACTORY MOD CODE</u> (NOTE 6)
M = M SERIES	/01 = HIGH TEMPERATURE (200C)
<u>INSULATOR MATERIAL</u>	INSULATOR MATERIAL CODE 'R' ONLY
E = POLYESTER (WHITE)	
R = POLYPHENYLENE SULFIDE (BLACK)	
<u>INTERFACIAL SEAL</u>	<u>STANDARD LEAD LENGTHS (DECIMAL INCHES)</u>
S = SILICONE RUBBER SEAL	.109 = (LEAVE FIELD BLANK)
CONTACT TYPE 'S' ONLY	.140
OMIT IF ORDERING PIN/PLUG OR	.172
IF NO SEAL IS DESIRED	(OTHER LENGTHS AVAILABLE CONSULT FACTORY)
<u>CONTACT LAYOUT (SHELL SIZE)</u>	<u>JACKPOST</u>
9, 15, 21, 25, 31, 37, 51, 100	OMIT 'P' IF NO JACKPOST REQUIRED
<u>CONTACT TYPE (GENDER)</u>	<u>BOARD MOUNT STYLE</u>
P = PIN (PLUG)	BS = VERTICAL BOARD MOUNT
S = SOCKET (RECEPTACLE)	

INTENDED USE				17312 EASTMAN IRVINE, CA 92614			
REFERENCE				DWG TITLE			
SIGNATURES		DATE		CONNECTOR, M-SERIES VERTICAL MOUNT (BS)			
DRAWN CHARETTE		5/23/19					
CHECKED WC		5/23/19					
APPROVED WC		5/23/19		SIZE B	FSCM NO. 54455	DWG NO. 00-005-0007	REV D
		SCALE NONE				SHEET 1 of 2	

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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES DRAWING STANDARDS ARE PER ASME Y14.5M-2009

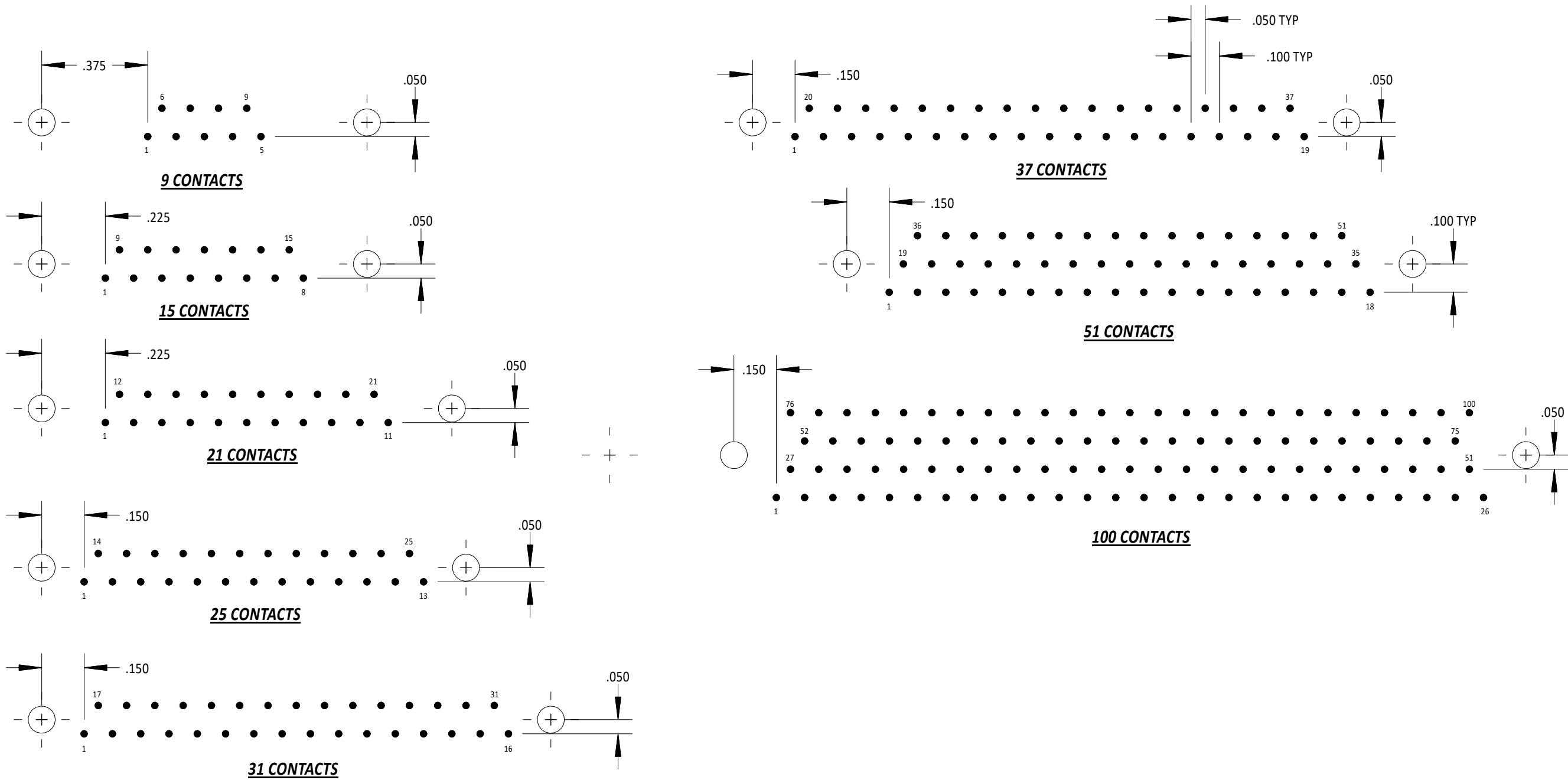


DWG NO: 00-005-0007

REVISIONS				
ECO	REV	DESCRIPTION	DATE	APPROVED
	D	SEE SHEET 1		

VIEW A - TERMINATION CONFIGURATIONS

PIN (PLUG) TERMINATIONS SHOWN
USE MIRROR IMAGE FOR SOCKET (RECEPTACLE) TERMINATIONS



INTENDED USE				17312 EASTMAN IRVINE, CA 92614	
REFERENCE					
		DWG TITLE CONNECTOR, M-SERIES VERTICAL MOUNT (BS)			
SIGNATURES					
DRAWN CHARETTE		5/23/19			
CHECKED WC	5/23/19	SIZE B	FSCM NO. 54455	DWG NO. 00-005-0007	REV D
APPROVED WC	5/23/19	SCALE NONE		SHEET 2 of 2	