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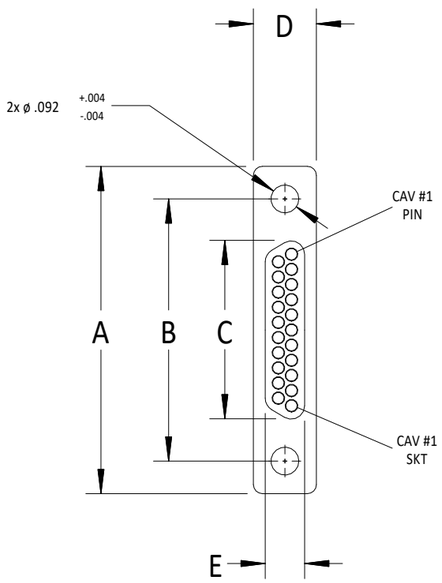
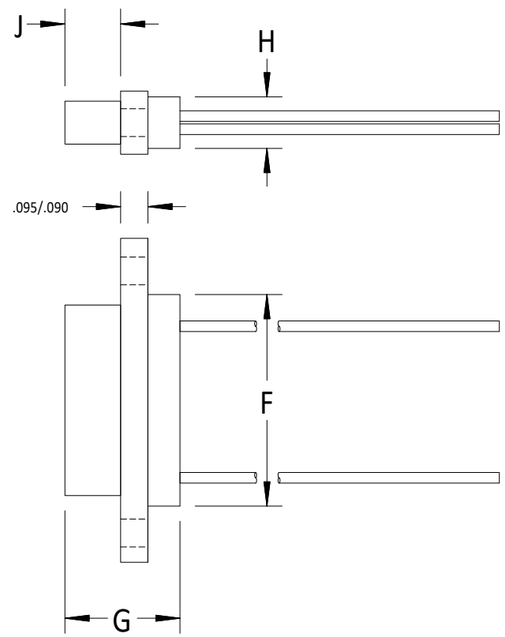
THIRD ANGLE PROJECTION

DWG NO: 00-005-0000

REVISIONS

ECO	REV	DESCRIPTION	DATE	APPROVED
	B	REVISED AND REDRAWN	10/24/16	WC
	C	ADDED 24 AWG TO WIRE TYPE 'M'	10/8/20	WC





Conn Size		A ± .010	B ± .005	C max	D ± .010	E max	F ± .010	G max	H max	J max
9	pin	0.778	0.565	0.291	0.208	0.142	0.398	0.395	0.173	0.204
	skt			0.372		0.215		0.375		0.185
15	pin	0.928	0.715	0.441		0.142	0.548	0.395		0.204
	skt			0.522		0.215		0.375		0.185
21	pin	1.078	0.865	0.591		0.142	0.698	0.395		0.204
	skt			0.672		0.215		0.375		0.185
25	pin	1.178	0.965	0.691		0.142	0.798	0.395		0.204
	skt			0.772		0.215		0.375		0.185
31	pin	1.328	1.115	0.841		0.142	0.948	0.395		0.204
	skt			0.922		0.215		0.375		0.185
37	pin	1.478	1.265	0.991		0.142	1.098	0.395		0.204
	skt			1.072		0.215		0.375		0.185
51	pin	1.428	1.215	0.941	0.250	0.177	1.048	0.395	0.220	0.204
	skt			1.022		0.260		0.375		0.185

ORDERING SYSTEM

D S R - 21 P 6 E 5 - 18.0 H /XX

SERIES

MOUNTING STYLE
S = SCREW MOUNT

INSULATOR MATERIAL
E = POLYESTER (WHITE)
R = POLYPHENYLENE SULFIDE (BLACK)

CONTACT LAYOUT (SHELL SIZE)
9, 15, 21, 25, 31, 37, 51

CONTACT TYPE (GENDER)
P = PIN (PLUG)
S = SOCKET (RECEPTACLE)

WIRE SIZE (AWG)
4 = 24 AWG
5 = 25 AWG (SOLID WIRE ONLY)
6 = 26 AWG
8 = 28 AWG
0 = 30 AWG

FACTORY MODIFICATION CODES
CONSULT FACTORY FOR MODIFICATION CODES

HARDWARE
H = LOW JACKSCREW HEX DRIVE
J = TALL JACKSCREW HEX DRIVE
L = LOW JACKSCREW SLOTTED DRIVE
P = JACKPOST (SHIPPED UNASSEMBLED)
F = FLOAT MOUNT
FR = FLOAT MOUNT (REVERSED MOUNTING)

LEAD LENGTHS (INCHES MINIMUM)
STRANDED WIRE = 6.0 MIN/144.0 MAX (6 INCH INCREMENTS)
SOLID WIRE = 0.5 MIN/3.0 MAX (0.5 INCH INCREMENTS)
(OTHER LENGTHS AVAILABLE CONSULT FACTORY)

WIRE INSULATION COLOR/SOLID WIRE FINISH
1 = ALL WHITE
2 = ALL YELLOW
3 = TIN PLATED
4 = GOLD PLATED
5 = COLOR CODED PER MIL-STD 681 SYSTEM 1
7 = 10-COLOR REPEATING COLOR CODE (BLACK THRU WHITE)

WIRE TYPE
C = SOLID COPPER
E = 7 STRAND TYPE 'E'
F = 7 STRAND TYPE 'ET'
G = 19 STRAND TYPE 'E'
H = 19 STRAND TYPE 'ET'
M = 19 STRAND - M22759/11 (24 & 26 AWG ONLY)

INTENDED USE

REFERENCE

SIGNATURES		DATE
DRAWN	CHARETTE	10/24/16
CHECKED	WC	10/24/16
APPROVED	WC	10/24/16

MIN-E-CON
17312 EASTMAN
IRVINE, CA 92614

DWG TITLE
CONNECTOR, ORIGINAL 'D' SERIES
ALL PLASTIC - CABLE MOUNTING

SIZE	FSCM NO.	DWG NO.	REV
B	54455	00-005-0000	C

SCALE NONE | SHEET 1 of 1