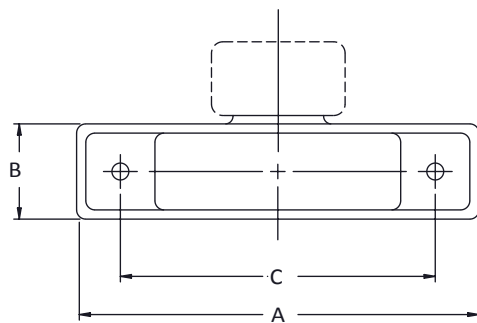
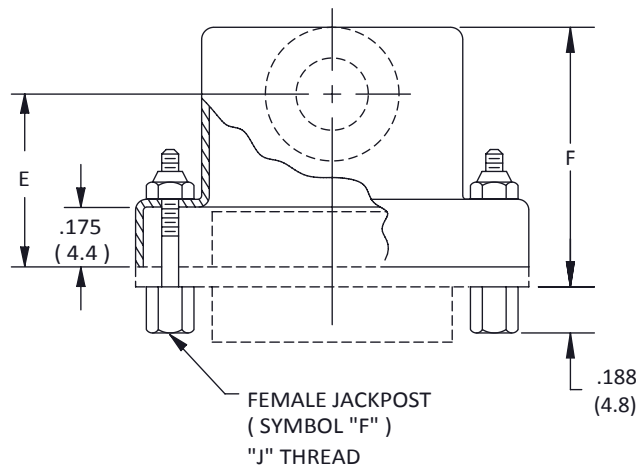
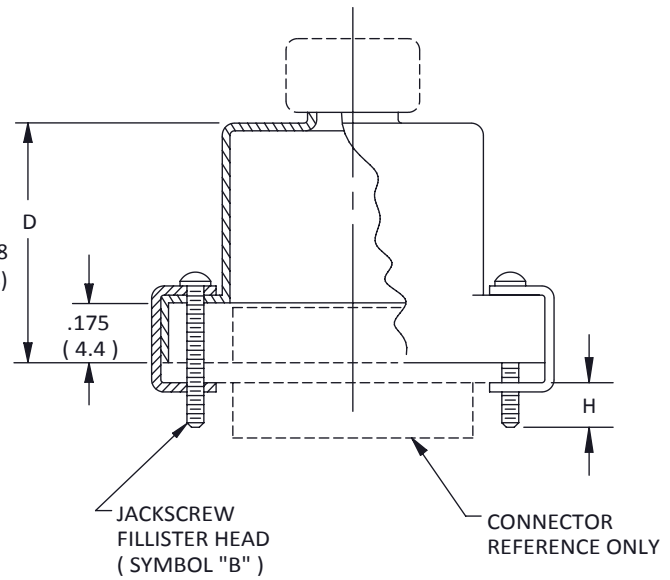


STYLE E - 45° ENTRY



STYLE S - SIDE ENTRY



STYLE T - TOP ENTRY

TOLERANCE: .XXX ±.005  
.XX ±.01  
ANGLE ±1°

TITLE

EMI/STRAIN RELIEF  
MICRO BACKSHELL

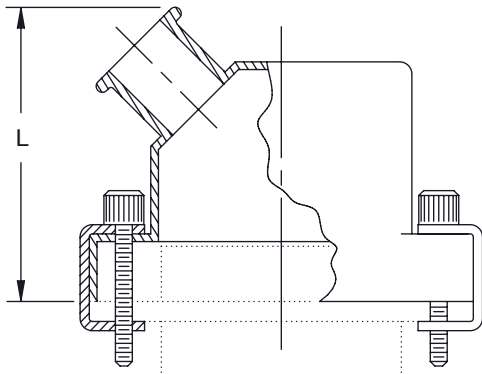
SHT 1 OF 3

DWG. NO.

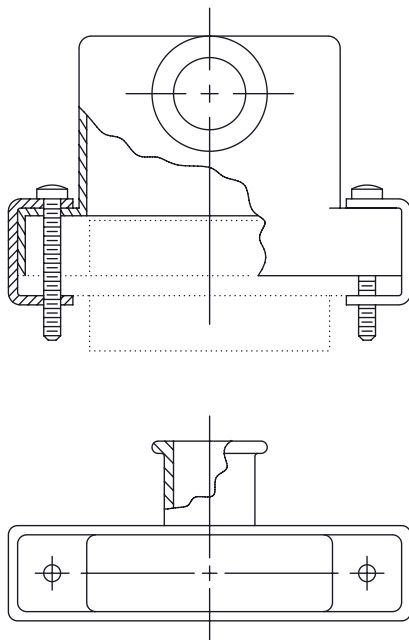
BSM

REV

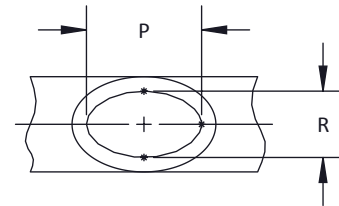
J



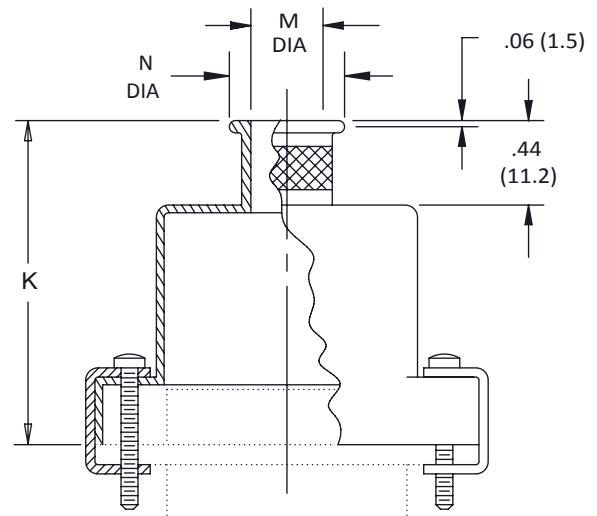
STYLE E - 45° ENTRY



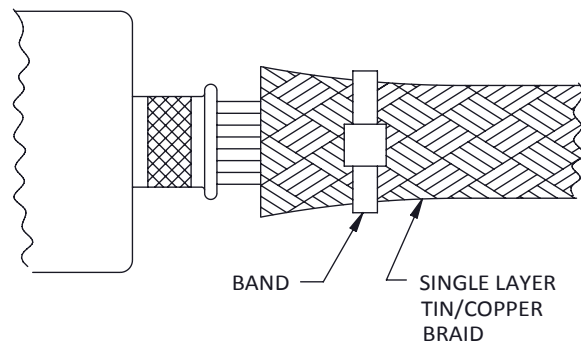
STYLE S - SIDE ENTRY



STYLE V - TOP OVAL ENTRY



STYLE T - TOP ENTRY



TOLERANCE: .XXX ±.005  
.XX ±.01  
ANGLE ±1°

TITLE

EMI/STRAIN RELIEF  
MICRO BACKSHELL

SHT 2 OF 3

DWG. NO.

BSM

REV

J

TABLE I

SHELL SIZE CODE	A MAX	B	C	D	E	F	G	H	J THREAD
09	.850(21.6)	.37(9.4)	.565(14.4)	.35(8.9)	.435(11.1)	.637(16.2)	.680(17.3)	.154(3.9)	2-56UNC-2
15	1.000(25.4)	.37(9.4)	.715(18.2)	.47(11.9)	.440(11.2)	.673(17.1)	.730(18.5)	.154(3.9)	2-56UNC-2
21	1.150(29.2)	.37(9.4)	.865(22.0)	.59(15.0)	.458(11.6)	.707(18.0)	.765(19.4)	.154(3.9)	2-56UNC-2
25	1.250(31.8)	.37(9.4)	.965(24.5)	.65(16.5)	.483(12.3)	.748(19.0)	.830(21.1)	.154(3.9)	2-56UNC-2
31	1.400(35.6)	.37(9.4)	1.115(28.3)	.71(18.0)	.476(12.1)	.756(18.2)	.890(22.6)	.154(3.9)	2-56UNC-2
37	1.550(39.4)	.37(9.4)	1.265(32.1)	.75(19.1)	.478(12.1)	.774(19.7)	.955(24.3)	.154(3.9)	2-56UNC-2
51	1.500(38.1)	.41(10.4)	1.215(3.9)	.78(19.8)	.548(13.9)	.859(21.8)	1.005(25.5)	.154(3.9)	2-56UNC-2
69	1.810(46.9)	.41(10.4)	1.515(38.4)	.78(19.8)	.548(13.9)	.859(21.8)	1.005(25.5)	.154(3.9)	2-56UNC-2
100	2.235(56.8)	.46(11.7)	1.800(45.7)	.84(21.3)	.687(17.5)	1.014(25.8)	1.080(27.4)	.194(4.9)	4-40UNC-2

TABLE I (CONT'D)

SHELL SIZE	K ±.03 ( .8 )	L MAX	MAX ENTRY ( TABLE 2 )
09	.78(19.8)	1.00(25.4)	08
15	.91(23.1)	1.03(26.2)	08
21	1.03(26.2)	1.05(26.7)	08
25	1.09(27.7)	1.09(27.7)	08
31	1.15(29.2)	1.13(28.7)	09
37	1.19(30.2)	1.23(31.2)	09
51	1.22(31.0)	1.25(31.8)	10
69	1.22(31.0)	1.25(31.8)	10
100	1.28(32.5)	1.32(33.5)	12

 METRIC DIMENSIONS (mm) ARE INDICATED  
IN PARENTHESES

TABLE II

DASH NO.	M ENTRY	N DIAMETER
04	.125 ( 3.2 )	.281 ( 7.1 )
05	.156 ( 4.0 )	.312 ( 7.9 )
06	.188 ( 4.8 )	.344 ( 8.7 )
07	.219 ( 5.6 )	.375 ( 9.5 )
08	.250 ( 6.4 )	.406 ( 10.3 )
09	.281 ( 7.1 )	.437 ( 11.1 )
10	.312 ( 7.9 )	.469 ( 11.9 )
11	.344 ( 8.7 )	.500 ( 12.7 )
12	.375 ( 9.5 )	.531 ( 13.5 )

## NOTE:

 ENTRY DIAMETERS DEPICTED IN TABLE II  
ARE THE LARGEST CIRCULAR ENTRIES POSSIBLE  
IN A GIVEN SHELL THICKNESS. DEPENDING UPON  
NUMBER AND SIZE OF CONDUCTORS NEEDED,  
AN OVAL ENTRY STYLE MAY BE REQUIRED.

CONTACT CRISTEK FOR AVAILABILITY.

TABLE III

SYMBOL	QTY	JACKSCREW TYPE
B	( 2 )	MALE FILLISTER HEAD
H	( 2 )	MALE HEX SOCKET
F	( 2 )	FEMALE JACKPOST
FB	( 1 )	FEMALE JACKPOST
	( 1 )	MALE FILLISTER HEAD
FH	( 1 )	FEMALE JACKPOST
	( 1 )	MALE HEX SOCKET

TABLE IV

SHELL SIZE	P DIA	R DIA
09	.312	.281
15	.420	.281
21	.591	.281
25	.690	.281
31	.820	.281
37	.970	.281
51	.920	.312
69	1.220	.312
100	1.290	.360

BSM X 010 X XXX XX XX

 MICRO BACKSHELL —  
CONNECTORS (MATE WITH M83513)  
MACHINED ALUMINUM PER QQ-A-200,  
225 / ASTM B 211 / 221

CABLE ENTRY STYLE —

 T = TOP ENTRY  
V = TOP OVAL ENTRY  
E = 45° ENTRY  
S = SIDE ENTRY

BASIC SERIES —

FINISH —

B = CADMIUM, OLIVE DRAB PER QQ-P-416, TYPE I, CLASS 3

M = ELECTROLESS NICKEL PER AMS 2404C

 T = CADMIUM PLATE PER QQ-P-416, TYPE II (YELLOW CHROMATE)  
CLASS 3 OVER ELECTROLESS NICKEL PER AMS 2404

SHELL SIZE (TABLE I) —

JACKSCREW (TABLE III) —

ENTRY (TABLE II) —

(OMIT FROM P/N FOR OVAL ENTRY - SEE TABLE IV FOR SIZES)

 TOLERANCE: .XXX ±.005  
.XX ±.01  
ANGLE ±1°

TITLE

 EMI/STRAIN RELIEF  
MICRO BACKSHELL

SHT 3 OF 3

DWG. NO.

BSM

REV

J