

QUICK REFERENCE TABLE

SHELL SIZE		J	K	H
A,B,C,D,E,F,J,K	H	±.094	±.094	±.094
08	09	0.390	0.890	1.280
10/11	11	0.420	0.920	1.360
12/13	13	0.440	0.940	1.420
14/15	15	0.460	0.970	1.480
16/17	17	0.480	0.990	1.540
18	19	0.500	1.000	1.560
20	21	0.520	1.020	1.630
22	23	0.550	1.060	1.690
24	25	0.570	1.090	1.710
28	25	0.790	1.260	1.850

CONNECTOR
DESIGNATORT
MAX

A

1.250

C

1.500

D

1.500

E

0.750

F

0.750

H

0.750

J

1.000

K

1.500

ISODYNE INC

7706 E. OSIE – WICHITA, KS. 67207

U.S. PATENT # 5,769,665

CAGE CODE # 031M6

D SUB BACKSHELL, EMI / RFI
SPRING BAND

TABLE III - CABLE ENTRY DIMENSIONS

CABLE ENTRY DES.	N	P	R	L (±.094)	S (NO. OF SLOTS)
01	0.125	0.250	0.450	0.593	(1) .125ø
31	0.188	0.312	0.512	0.625	(1) .170ø
02	0.250	0.375	0.575	0.656	(1) .170ø
32	0.312	0.438	0.638	0.687	(1) .170ø
03	0.375	0.500	0.700	0.719	(2) .250
33	0.438	0.562	0.762	0.750	(2) .250
04	0.500	0.625	0.825	0.781	(2) .250
34	0.562	0.688	0.888	0.812	(2) .250
05	0.625	0.750	0.950	0.844	(2) .500
35	0.688	0.812	1.012	0.875	(2) .500
06	0.750	0.875	1.075	0.906	(2) .500
36	0.812	0.938	1.138	0.937	(2) .500
07	0.875	1.000	1.200	0.969	(4) .500
37	0.938	1.062	1.262	1.000	(4) .500
08	1.000	1.125	1.325	1.031	(4) .500
38	1.062	1.188	1.388	1.062	(4) .500
09	1.125	1.250	1.450	1.094	(4) .500
10	1.250	1.375	1.578	1.156	(4) .750
11	1.375	1.500	1.700	1.219	(4) .750
12	1.500	1.625	1.825	1.281	(4) .1000
13	1.625	1.760	1.950	1.344	(4) .1000
14	1.750	1.875	2.075	1.406	(4) .1000
15	1.875	2.000	2.200	1.469	(4) .1000
16	2.000	2.125	2.325	1.531	(4) .1000

EXAMPLE:

ISODYNE IDENT

CONNECTOR DESIGNATOR

ANGULAR FUNCTION

S, H, OR J

PRODUCT SERIES

FINISH TABLE II

DASH NUMBER (PAGE 2)

CABLE ENTRY TABLE III

LENGTH IN 1/2" INCREMENTS 2.50 INCH MIN

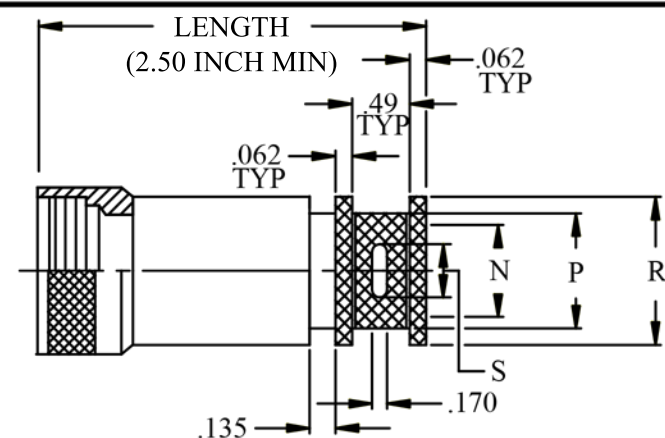
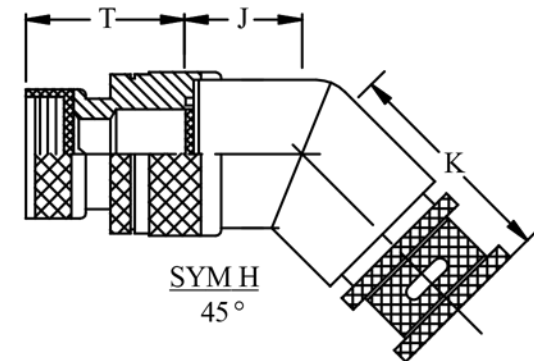
SLOT

CONNECTOR MANUFACTURER SYMBOL

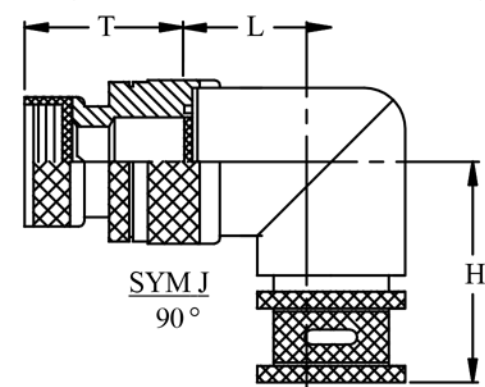
(OMIT FOR CONNECTOR "D" DES)

QUICK TIE LEG (OMIT IF NOT REQUIRED, SEE 155 SERIES FOR DIMENSIONS)

ISO B S 151 NF 12 04 -5 S L K

SYM S
STRAIGHTSYM H
45°

(ALL BACKSHELLS INCLUDE SPRING)

SYM J
90°TOLERANCE: {Unless otherwise noted}
2 PLACE DEC ± .030
3 PLACE DEC ± .015
ANGULAR ± 2°

DRAWING ISO 151 REV. "I"

TABLE II - MATL FINISH				CONNECTOR DESIGNATOR "D" MIL-C-26482 SERIES I (NOTE 4)				Interface Dimensions							B	C					
B	CADIUM PLATE/OLIVE DRAB			Shell Size/ Dash No	Thread REF.	B	C	Dash NO	Shell Size	Conn.MFG DESIG	See Note	A Thread Class 2B	DIA MAX	DIA MAX							
C*	ANODIZE / BLACK					MAX	MAX						01	8S	A	1	7/16 - 28 UNEF	0.656	0.625		
G*	HARD COAT					08	7/16-28 UNF						.59	.65	02	8S	J, M, N	2	7/16 - 28 UNEF	0.656	0.625
J	GOLD IRIDITE OVER CADMIUM PLATE OVER NICKEL					10	9/16-24 UNEF						.72	.77	03	8S	L	3	3/8 - 32 UNEF	0.607	0.562
LF	CADMIUM PLATE / BRIGHT OVER ELECTROLESS NICKEL					12	11/16-28 UNEF						.84	.89	04	8S	H	3	7/16 - 27 UNS	0.656	0.625
M	ELECTROLESS NICKEL					14	13/16-20 UNEF						.97	1.02	05	10S	A	1	1/2 - 28 UNEF	0.724	0.687
N	CADMIUM PLATE / OLIVE DRAB OVER NICKEL					16	15/16-20 UNEF						1.09	1.15	06	10S	H, J, L, N	2	1/2 - 28 UNEF	0.724	0.687
NF	CAD / OD OVER ELECTROLESS NICKEL (500 HR. SALT SPRAY)					18	1-1/16-18 UNEF						1.22	1.23	07	10S	M	3	9/16 - 24 UNEF	0.724	0.687
T	CADMIUM PLATE / BRIGHT DMP OVER NICKEL					20	1-3/16-18 UNEF						1.34	1.36	08	10SL	A	1	9/16 - 24 UNEF	0.724	0.687
U**	CADMIUM PLATE / BLACK					22	1-5/16-18 UNEF						1.47	1.48	09	10SL	M, N	2	9/16 - 24 UNEF	0.724	0.687
Z1**	PASSIVATE SS			24	1-7/16-18 UNEF	1.59	1.60	10	10SL	H, J, L	3	5/8 - 24 UNEF	0.848	0.812							
MIL-C5015 CONNECTOR MANUFACTURE SYMBOLS				CONNECTOR DESIGNATOR "B" MIL-C-5015 SERIES MS3100, 01, 06																	
SYMBOL	MFG	CONNECTOR SERIES	CLASS	Shell Size/ Dash No	"T" MAX.																
A	ALL	MS3100, 01, 06	A/E/F/R	08/09	1.250																
H	AMPHENOL	MS3100, 01, 06 97 SERIES BLUE INSERT	A	10/11	1.250																
J		MS3100, 01, 06	E/F/R	12/13	1.250																
L	AMPHENOL /BCO	MS3100, 01, 06 10-214, 10-720 10-721, 10-726	A/E/F/R	14/15	1.250																
M	CANNON	MS3100, 01, 06	A	16/17	1.560																
N	CANNON	MS3100, 01, 063 CA00, 01, 06	E/F/R	18/19	1.560																
ISODYNE INC 7706 E. OSIE – WICHITA, KS. 67207 U.S. PATENT # 5,769,665 CAGE CODE # 031M6 D SUB BACKSHELL, EMI / RFI SPRING BAND				20/21	1.560																
				22/23	1.560																
				24/25	1.560																
NOTES:																					
1. If the specific manufacturer is not known, order symbol A and corresponding dash number, for MS universal fit.																					
2. Symbol A mates with all connectors for each shell size.																					
3. Additional transition adapters may be supplied with symbol A for each shell size, as noted.																					
4. Suffix 770 to be used to accomidate large gromets like PT__CE connectors MFG by Amphenol and Cannon.																					