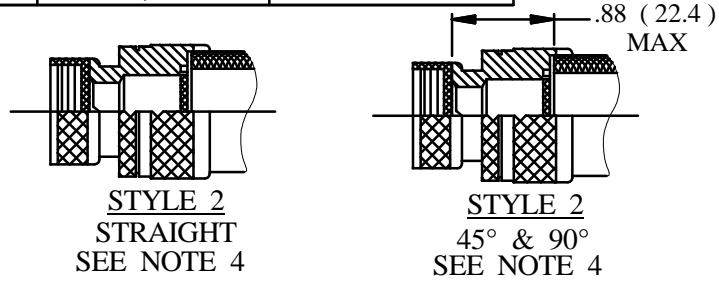
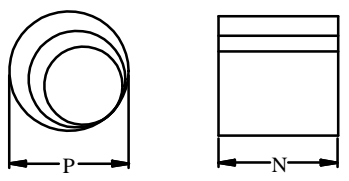
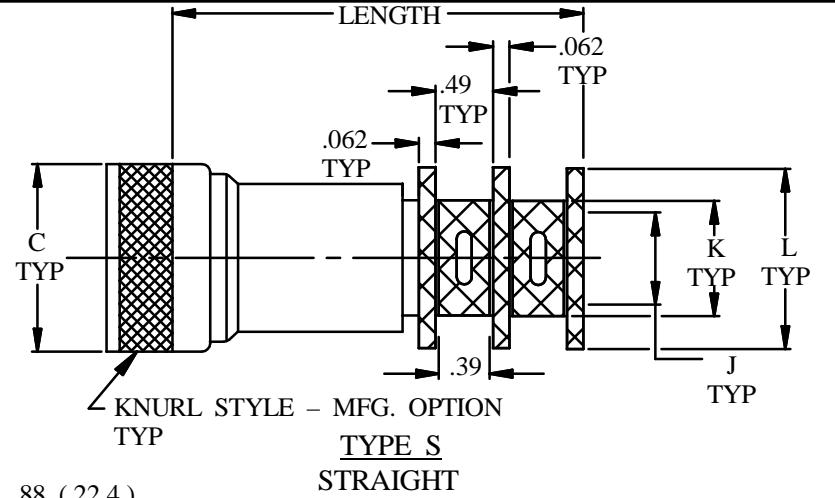


DRAWING ISO 160 REV. "K"

QUICK REFERENCE TABLE

SHELL SIZE SEE TABLE IV H		E REF	G REF	H MAX	MAX ENTRY DES. A	MAX ENTRY DES. F,H,L
08	09	0.390	1.442	1.832	02, 31	02, 31
10	11	0.420	1.472	1.912	03, 32	03, 32
12	13	0.440	1.492	1.972	04, 33	04, 33
14	15	0.460	1.522	2.032	04, 34	05, 34
16	17	0.480	1.542	2.092	05, 35	06, 35
18	19	0.500	1.552	2.112	06, 35	07, 36
20	21	0.520	1.572	2.182	07, 36	08, 37
22	23	0.550	1.612	2.242	08, 36	09, 38
24	25	0.570	1.642	2.262	09, 38	10, 38
28		0.790	1.812	2.402	11, 38	N/A



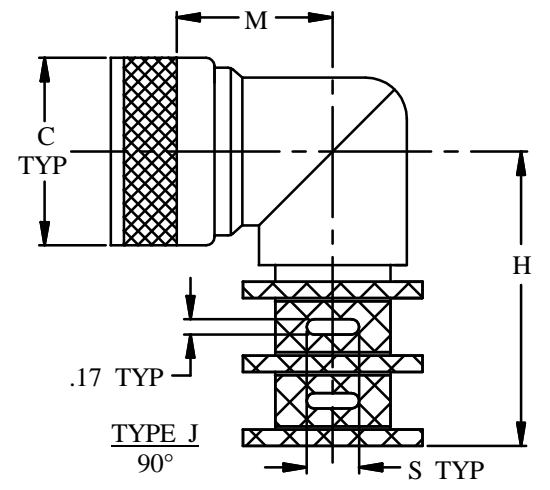
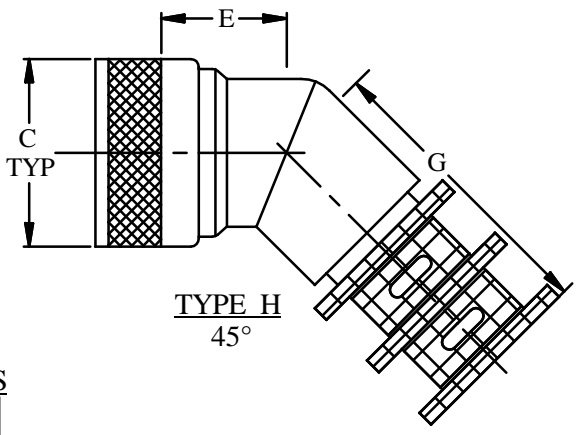
TOLERANCE: {Unless otherwise noted}
 2 PLACE DEC ± .030
 3 PLACE DEC ± .015
 ANGULAR ± 2°

SPRING BAND DIMENSIONS			
PART #	P	N	CABLE ENTRY
ISO - 100	0.36	0.37	02 THRU 33
ISO - 200	0.57	0.37	04 THRU 36
ISO - 400	0.78	0.37	07 THRU 09
ISO - 500	0.98	0.37	10 THRU 12
ISO - 600	1.25	0.37	13 THRU 16

PART NUMBER BREAKOUT

EXAMPLE: ISO A S 160 NF 12 04 -8 S

PRODUCT SERIES ———— ISO
 CONNECTOR DESIGNATOR ———— A
 TABLE IV ———— S
 ANGULAR TYPE ———— 160
 S, H, OR J ———— NF
 BASIC NUMBER ———— 12
 FINISH TABLE II ———— 04
 SHELL SIZE TABLE I ———— -8
 CABLE ENTRY DESIGNATOR TABLE III ———— S
 LENGTH IN 1/4" INCREMENTS (STRAIGHT ONLY) ————
 SLOT ————



ISODYNE INC

7706 E. OSIE - WICHITA, KS. 67207
 U.S. PATENT # 5,769,665
 CAGE CODE # 031M6

BACKSHELL, EMI / RFI
 SPRING BAND QUICK TIE STRAIN RELIEF

(ALL BACKSHELLS INCLUDE SPRING)

DRAWING ISO 160 REV. "K"

SHELL SIZE TABLE											TABLE I				
A	C*	D	E	F	G	H	J	K	L	S	A THREAD REF.	B DIA. MAX.	C DIA. MAX.	D DIA. MAX.	E DIA. MAX.
		8	8	8/[9]				8	8	8	7/16—28 UNF	.59 (15.0)	.65 (16.5)	.77 (19.6)	.69 (17.5)
						9/A					M12 X 1—6H	.65 (16.5)	.77 (19.6)		.94 (24.8)
8											1/2—20 UNF	.65 (16.5)	.65 (16.5)		.69 (17.5)
							8/A	10			1/2—28 UNEF	.65 (16.5)	.77 (19.6)	.77 (19.6)	
3		10	10	10/[11]				11	10	10	9/16—24 UNEF	.72 (18.3)	.77 (19.6)	.89 (22.6)	.82 (20.8)
						11/B					M15 X 1—6H	.77 (19.6)	.82 (20.8)		1.06 (26.9)
10								12,13			5/8—24 UNEF	.77 (19.6)	.77 (19.6)	.89 (22.6)	.82 (20.8)
						10/B					5/8—28 UN	.77 (19.6)	.89 (22.6)		
		12		12/[13]					12	12	11/16—24 UNEF	.84 (21.3)	.89 (22.6)	1.02 (25.9)	.94 (23.8)
						13/C					M18 X 1—6H	.89 (22.6)	.94 (23.9)		1.17 (29.7)
12/7	12		12		11/A			14,15			3/4—20 UNEF	.91 (23.1)	.89 (22.6)	1.02 (25.9)	.94 (23.8)
									14	14	3/4—20 UNF		.94 (23.9)		
		14	14	14/[15]							13/16—20 UNEF	.97 (24.6)	1.02 (25.9)	1.15 (29.2)	1.06 (26.9)
						15/D					M22 X 1—6H	1.03 (26.2)	1.07 (27.2)		1.29 (32.7)
14/12	14				13/B			16,17			7/8—20 UNEF	1.03 (26.2)	1.02 (25.9)	1.15 (29.2)	1.06 (26.9)
											7/8—20 UNF		1.07 (27.2)		
							14/D				7/8—20 UN	1.03 (26.2)	1.15 (29.2)		
		16	16	16/[17]					16	16	15/16—20 UNEF	1.09 (27.7)	1.15 (29.2)	1.26 (32.0)	1.17 (29.7)
						17/E					M25 X 1—6H	1.15 (29.2)	1.21 (30.7)		1.42 (36.1)
16/19	16				15/C			18			1—20 UNEF	1.15 (29.2)	1.15 (29.2)	1.23 (32.2)	1.17 (29.7)
											1—20 UNF		1.21 (30.7)		
						16/E					1—28 UN	1.15 (29.2)	1.36 (34.5)		
18/27		18	18	18/[19]					18	18	1—1/16—18 UNEF	1.22 (31.0)	1.23 (31.2)	1.40 (35.6)	1.29 (32.7)
						19/F					M28 X 1—6H	1.28 (32.5)	1.36 (34.5)		1.54 (39.1)
	18				17/D			20			1—1/8—18 UNEF	1.28 (32.5)	1.41 (35.7)	1.36 (34.5)	
											1—1/8—28 UN	1.28 (32.5)	1.48 (37.6)		
20/37		20	20	20/[21]					20	20	1—3/16—18 UNEF	1.34 (34.0)	1.36 (34.5)	1.53 (38.9)	1.42 (36.0)
						21/G					M31 X 1—6H	1.41 (35.8)	1.48 (37.6)		1.67 (42.4)
	20				19/E			22			1—1/4—18 UNEF	1.41 (35.8)	1.53 (38.9)	1.48 (37.6)	
							20/G				1—1/4—28 UN	1.41 (35.8)	1.60 (40.6)		
22		22	22	22/[23]					22	22	1—5/16—18 UNEF	1.47 (37.3)	1.48 (37.6)	1.60 (40.6)	1.54 (39.1)
						23/H					M34 X 1—6H	1.53 (38.9)	1.60 (40.6)		2.01 (51.1)
								24			1—3/8—18 UNEF	1.53 (38.9)		1.60 (40.6)	
						22/H					1—3/8—28 UN	1.53 (38.9)	1.73 (43.9)		
24		24	24	24/[25]	23/F				24	24	1—7/16—18 UNEF	1.59 (40.4)	1.60 (40.4)	1.94 (49.3)	1.66 (42.4)
						25/J					M37 X 1—6H	1.66 (42.4)	1.70 (43.2)		2.12 (53.8)
61											1—1/2—18 UNEF	1.66 (42.4)	1.67 (42.4)		
											1—1/2—28 UN	1.66 (42.4)	1.94 (49.3)		
					25/G						1—9/16—18 UNEF		1.82 (46.3)		
	24							28			1—5/8—18 UNEF	1.84 (46.7)		1.94 (49.3)	
28											1—3/4—18 UNS	1.97 (50.0)	1.97 (50.0)		2.01 (51.1)
	28				29/H			32			1—7/8—16 UN	2.09 (53.1)	2.19 (55.6)	2.19 (55.6)	
32											2—18 UNS	2.28 (57.9)	2.22 (58.4)		2.26 (57.4)
	32				33/J						2—1/16—16 UNS		2.44 (62.0)	2.44 (62.0)	
								36			2—1/8—16 UN	2.34 (59.4)		2.44 (62.0)	
36											2—1/4—16 UN	2.53 (64.3)	2.47 (62.7)		2.53 (64.3)
	36										2—5/16—16 UNS			2.69 (68.3)	
								40			2—3/8—16 UN	2.59 (65.8)		2.69 (68.3)	
40											2—1/2—16 UN	2.78 (70.6)	2.72 (69.1)		3.04 (77.2)
	40										2—5/8—16 UN			2.93 (74.4)	
44											2—3/4—16 UN	3.03 (77.0)	2.97 (75.4)		
48											3—16 UN	3.22 (81.8)	3.22 (81.8)		

* LEFT HAND THREAD

[] REFERENCE ONLY — NOT USED IN FORMATION OF PART NUMBER

DRAWING ISO 160 REV. "K"

TABLE II - MATL FINISH		TABLE III - CABLE ENTRY DIMENSIONS						TABLE IV - CONNECTOR SERIES		
B	CADMIUM / OLIVE DRAB	CABLE ENTRY DES.	J	K	L	M (±.094)	S (NO. OF SLOTS)	CONNECTOR DESIGNATOR	CONNECTOR SPECIFICATION	SERIES
C*	ANODIZE / BLACK									
G*	HARD COAT								MIL - C - 5015	MS3400
J	GOLD IRIDITE OVER CADMIUM PLATE OVER NICKEL	01	0.125	0.250	0.450	0.593	(2) .125 ϕ		MIL - C - 26482	II
		31	0.188	0.312	0.512	0.625	(2) .170 ϕ		MIL - C - 81703	III
LF	CADMIUM PLATE / BRIGHT OVER ELECTROLESS NICKEL	02	0.250	0.375	0.575	0.656	(2) .170 ϕ		MIL - C - 83723	I & III
		32	0.312	0.438	0.638	0.687	(2) .170 ϕ	A	DEF 5926 - 3	
M	ELECTROLESS NICKEL	03	0.375	0.500	0.700	0.719	(4) .250		LN 29504	
N	CADMIUM PLATE / OLIVE DRAB OVER NICKEL	33	0.438	0.562	0.762	0.750	(4) .250		NFC 93422	
		04	0.500	0.625	0.825	0.781	(4) .250		PAN 6432 - 1	
NF	CAD / OD OVER ELECTROLESS NICKEL (500 HR. SALT SPRAY)	34	0.562	0.688	0.888	0.812	(4) .250		PAN 6432 - 2	
		05	0.625	0.750	0.950	0.844	(4) .500		PATT 602	
T	CADMIUM PLATE / BRIGHT DMP OVER NICKEL	35	0.688	0.812	1.012	0.875	(4) .500	C	MIL - C - 22992	R ***
		06	0.750	0.875	1.075	0.906	(4) .500	D NOTE 6	MIL - C - 26482	I
U**	CADMIUM PLATE / BLACK	36	0.812	0.938	1.138	0.937	(4) .500	E	MIL - C - 26500	ALUM
ZI**	PASSIVATE SS	07	0.875	1.000	1.200	0.969	(8) .500		MIL - C - 38999	I & II
ZN	ZINC NICKEL / OD OVER ELECTROLESS NICKEL	37	0.938	1.062	1.262	1.000	(8) .500		4CM38277	
		08	1.000	1.125	1.325	1.031	(8) .500		NFC 93422	HE 309
NT	NICKEL/TEFLON - CONSULT FACTORY FOR DETAILS	38	1.062	1.188	1.388	1.062	(8) .500	F	NFC 93422	HE 308
		09	1.125	1.250	1.450	1.094	(8) .500		PAN 6433 - 1	
*	NON-CONDUCTIVE FINISH - NOT SUITABLE FOR EMI / RFI SHIELDING APPLICATIONS.	10	1.250	1.375	1.578	1.156	(8) .750		PATT 614	
		11	1.375	1.500	1.700	1.219	(8) .750		PATT 616	
**	APPLICABLE TO CORROSION RESISTING STEEL BACKSHELLS AND ACCESSORIES.	12	1.500	1.625	1.825	1.281	(8) .1000	G	MIL - C - 28840	
		13	1.625	1.760	1.950	1.344	(8) .1000	H	MIL - C - 38999	III & IV
***	MIN LENGTH 1.75"	14	1.750	1.875	2.075	1.406	(8) .1000		MIL - C - 81511	I & II
		15	1.875	2.000	2.200	1.469	(8) .1000	J	MIL - C - 81511	III & IV
		16	2.000	2.125	2.325	1.531	(8) .1000		VG 95329	
								K	MIL - C - 83723	II
									LN 29729	
									NFC - 93422	HE 306
								L	PAN 6433 - 2	
									PATT 615	
									VG 96912	I
								S	PATT 105, 603, 608	
								R	VG 95234	
								X	MIL - C - 81703	II

NOTES:

1. FOR EFFECTIVE GROUNDING , CONNECTOR WITH CONDUCTIVE FINISH SHOULD BE USED.
2. MIN. ORDER LENGTH FOR STYLE 1-2.00(8), TOTAL LENGTH 2.25. FOR STYLE II MIN. ORDER LENGTH -2.25(9), TOTAL LENGTH 2.50.
3. DIMENSIONS E, G, M, H DO NOT APPLY WHEN STYLE II ADAPTER IS APPLIED. NO "O" RING APPLIED, SYMBOL A.
4. WHEN MAX. CABLE ENTRY IS EXCEEDED, STYLE 2 WILL BE SUPPLIED. PLEASE CONSULT FACTORY.
5. NON-MAGNETIC BAND MATERIAL - ELGILOY
6. SUFFIX 770 TO BE USED WHEN INSTALLED ON PT**CE CONNECTORS MFG BY AMPHENOL



7706 E. OSIE - WICHITA, KS. 67207
 U.S. PATENT # 5,769,665
 CAGE CODE # 031M6

BACKSHELL, EMI / RFI
 SPRING BAND QUICK TIE STRAIN RELIEF

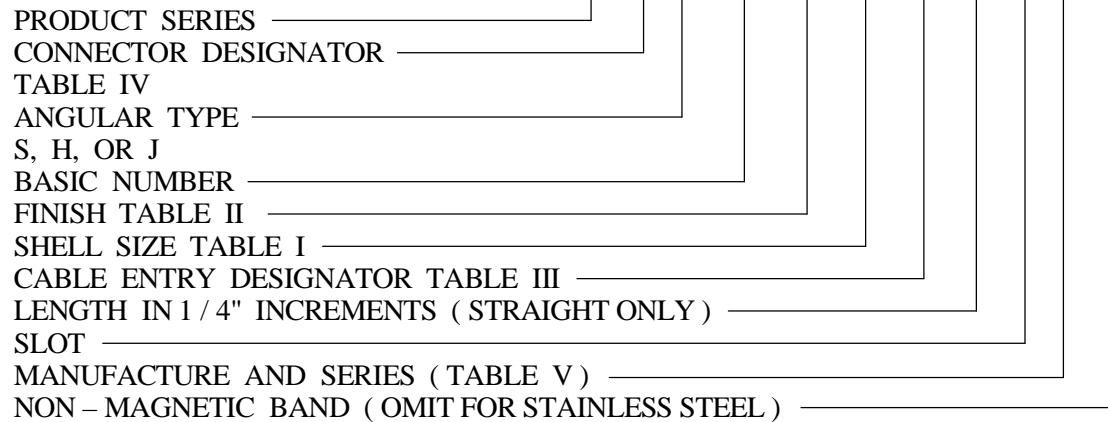
REVERSE BAYONET

TABLE V		TABLE VI									
CONN-CODE	MANUFACTURE AND SERIES DESCRIPTION	ORDER NO	SHELL SIZE VG95234	CONNECTOR DESIGNATOR	A THREAD CLASS 2B	C MAX	E MAX	F MAX	G MAX	H MAX	MAX ENTRY TABLE III
-	COMMITAL, VG95234 & 95328										
A	AMPHENOL, GT SERIES, VG95234										
B	ITT CANNON, VG95234	10	10SL	-, A, C, D, E	5/8-24 UNEF	1.00	0.982	1.100	1.886	2.006	03
C	LITTON VEAM, CIR SERIES, VG95234	11	10SL	B	9/16-24 UNEF	1.00	0.957	1.077	1.824	1.944	33
D	SPACE CRAFT, VG95234	12	12S	B	5/8-24 UNEF	1.00	0.982	1.100	1.886	2.006	03
E	JTECH, TTCIR, VG95234	14	14S	-, A, B, C, D, E	3/4-20 UNEF	1.13	0.955	1.115	1.917	2.037	04
		16	16S	-, A, B, C, D, E	7/8-20 UNEF	1.13	1.021	1.141	1.989	2.100	05
		17	16	-, A, B, C, D, E	7/8-20 UNEF	1.25	1.021	1.141	1.989	2.100	05
		18	18	-, A, B, C, D, E	1-20 UNEF	1.38	1.047	1.167	2.042	2.162	06
		20	20	-, A, B, C, D, E	1 1/8-18 UNEF	1.50	1.073	1.193	2.105	2.225	07
		22	22	-, A, B, C, D, E	1 1/4-18 UNEF	1.63	1.099	1.219	2.167	2.287	07
		24	24	-, A, B, C, D, E	1 3/8-18 UNEF	1.75	1.133	1.253	2.250	2.370	38
		28	28	-, A, B, C, D, E	1 5/8-18 UNEF	1.98	1.177	1.297	2.355	2.475	09
		32	32	-, A, B, C, D, E	1 7/8-16 UNEF	2.23	1.229	1.349	2.480	2.600	12
		36	36	-, A, C, D, E	2 1/16-16 UNEF	2.48	1.267	1.387	2.573	2.693	14
		37	36	B	2 1/8-16 UNS	2.48	1.267	1.387	2.573	2.693	14
		39	40	B	2 3/8-16 UNS	2.73	1.332	1.452	2.730	2.850	16
		40	40	-, A, C, D, E	2 5/16-16 UNS	2.73	1.332	1.452	2.730	2.850	16

- NOTES:
- FOR EFFECTIVE GROUNDING, CONNECTOR WITH CONDUCTIVE FINISH SHOULD BE USED.
 - MIN. ORDER LENGTH FOR STYLE I-1.25(5), TOTAL LENGTH 1.50. FOR STYLE II MIN. ORDER LENGTH-1.50(6), TOTAL LENGTH 1.75.
 - DIMENSIONS E, G, M, H, DO NOT APPLY WHEN STYLE II ADAPTER IS APPLIED. NO "O" RING APPLIED, SYMBOL A.
 - WHEN MAX. CABLE ENTRY IS EXCEEDED, STYLE 2 WILL BE SUPPLIED. PLEASE CONSULT FACTORY.
 - NON-MAGNETIC BAND MATERIAL - ELGILOY
 - SUFFIX 770 TO BE USED TO ACCOMODATE LARGE GROMETS LIKE PT_CE CONNECTORS MFG BY AMPHENOL AND CANNON
 - BACKSHELL IS DESIGNED TO ACCOMODATE WIRE SEAL GROMMET AND FOLLOWER SUPPLIED WITH CONNECTOR.
 - ALL REVERSE BAYONET BACKSHELLS HAVE A MIN LENGTH OF 2 INCHES OR -8S

EXAMPLE:

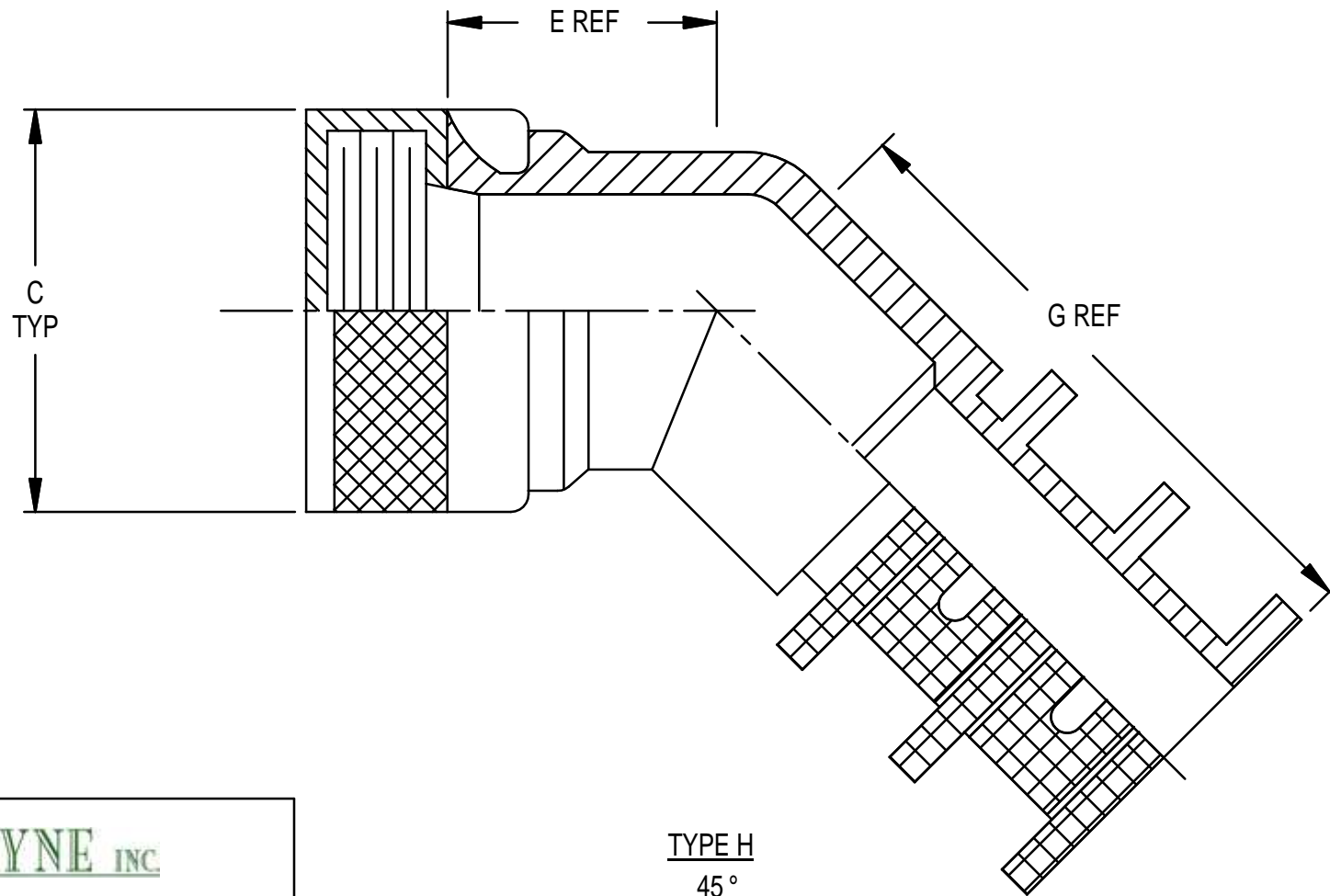
ISO R S 160 NF 12 04 -8 S C -N



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BACKSHELL, EMI / RFI
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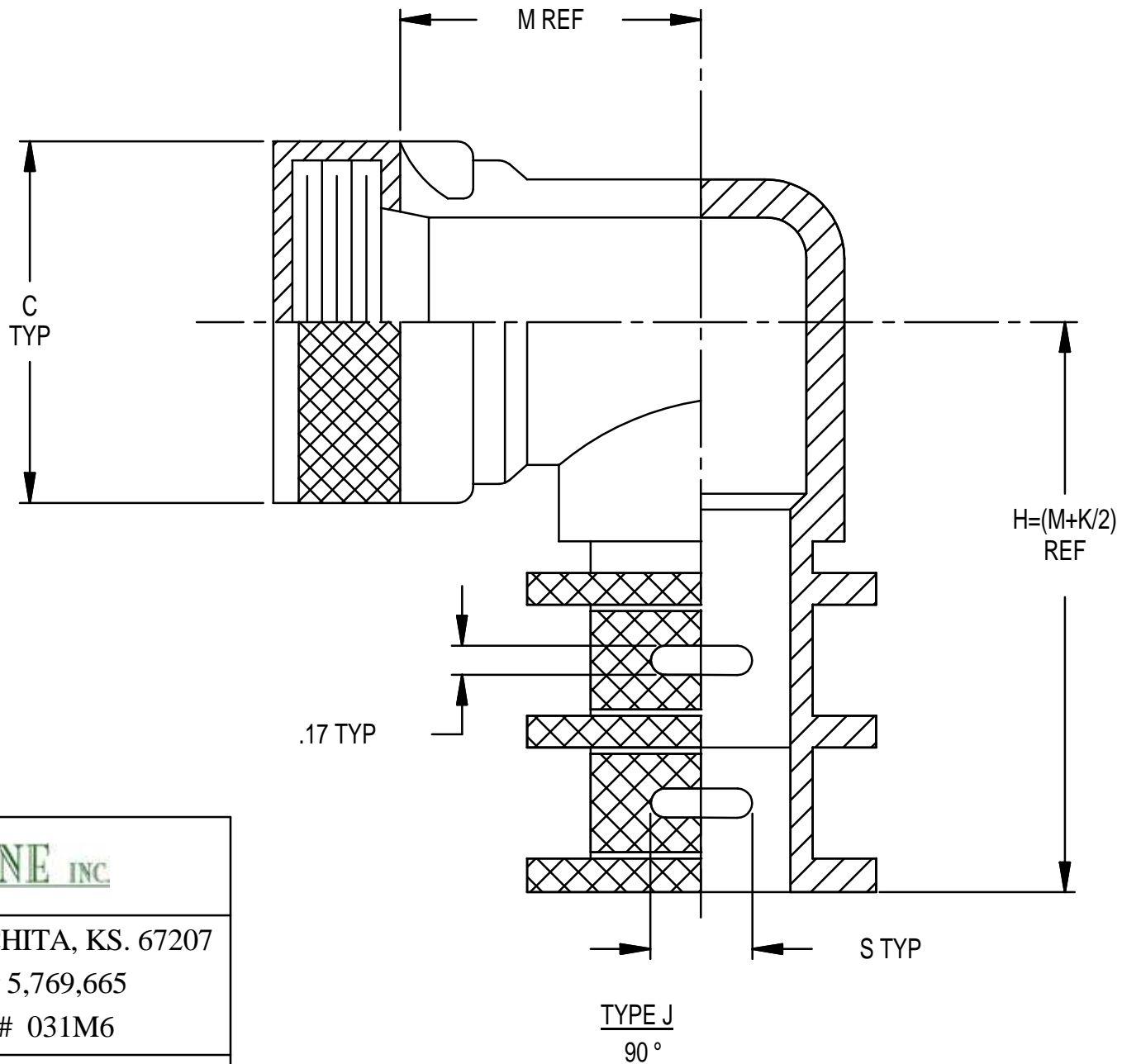
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