

D

C

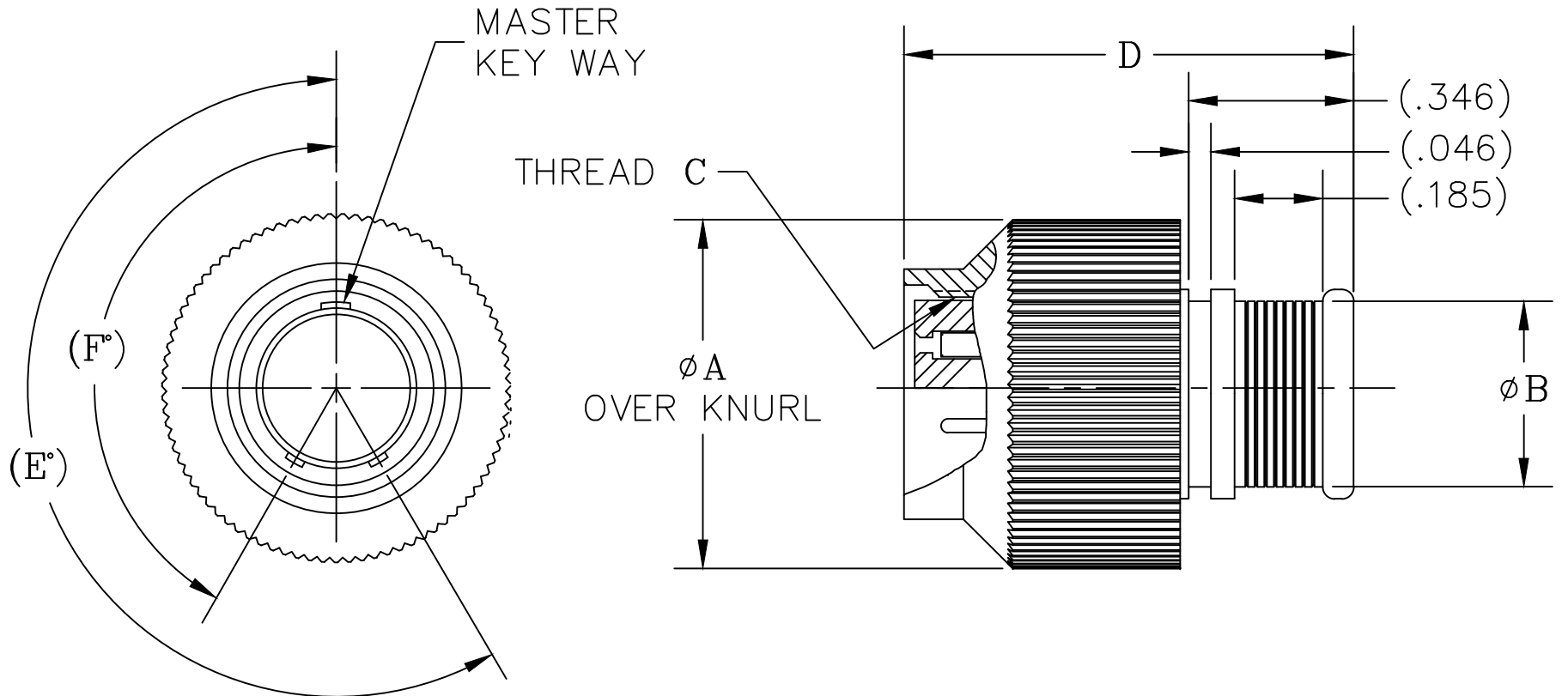
B

A

TABLE 1		
CLASS	MAT'L	FINISH
C	AL	ANODIZE BLACK
F	AL	LOW STRESS NICKEL
F1	AL	NICKEL (SPACE GRADE)
W	AL	OD CADMIUM OVER NICKEL
Z	AL	ZINC NICKEL
K	CRES	PASSIVATED
K1	CRES	PASSIVATED
T	AL	NICKEL TEFLON
B	Ti	NICKEL
B1	Ti	NICKEL (SPACE GRADE)

TABLE 2				
SHELL SIZE	Ø A MAX.	Ø B ±.015	THREAD C	D MAX.
05	.613	.257	.3125-.05P-.1L-2B	.942
06	.665	.309	.3750-.05P-.1L-2B	.942
07	.748	.393	.4375-.05P-.1L-2B	.942
08	.785	.429	.5000-.05P-.1L-2B	.942
09	.847	.491	.5625-.05P-.1L-2B	.942
10	.920	.564	.6250-.05P-.1L-2B	.942
13	1.032	.651	.8125-.1P-.2L-2B	1.100
16	1.221	.814	1.0000-.1P-.2L-2B	1.100
17	1.282	.868	1.0625-.1P-.2L-2B	1.100
21	1.550	1.116	1.3125-.1P-.2L-2B	1.100

TABLE 3		
MINOR KEY ANGLES		
POSITION	(F°)	(E°)
A (NORMAL)	150°	210°
B (ALTERNATE)	75°	210°
C (ALTERNATE)	95°	230°
D (ALTERNATE)	140°	275°
E (ALTERNATE)	75°	275°
F (ALTERNATE)	95°	210°



H2DA2*-121-**-*****

- NOTES: UNLESS OTHERWISE SPECIFIED
1. MATERIALS & FINISHES—
SHELL & COUPLING RING: SEE TABLE 1.
INSULATOR: REINFORCED EPOXY RESIN
CONTACTS: COPPER ALLOY, GOLD
PLATED OVER A SUITABLE NICKEL UNDERPLATE
INTERFACIAL SEAL: FLUOROSILICONE
 2. CONTACTS ARE SIZE 23 CRIMP, REAR REMOVABLE.
PIN P/N: 0009-047-000
SOCKET P/N: 0012-049-001
 3. CRIMP BARREL ACCOMMODATES 22, 24, 26 & 28 AWG WIRE.
 4. RECOMMENDED CONTACT CRIMP TOOL: DANIELS
P/N AFM-8 (M22520/2-01) WITH POSITIONER
P/N K-710A OR AN APPROVED EQUIVALENT.
 5. INSERTION TOOL: P/N 08AT024-23
 6. EXTRACTION TOOL: P/N 08AT024-23
 7. MATES WITH HIRELCO H2D RECEPTACLE SERIES. CONSULT FACTORY FOR SPECIALS AND ADDITIONAL MATES.
 8. THIS CONNECTOR IS EQUIPPED WITH AN ANTI-DECOUPLING DEVICE WHICH PROVIDES FOR AN OVER TRAVEL OF THE COUPLING NUT, BEYOND THE FULL MATING POINT, OF AT LEAST ONE "CLICK" OF THE ANTI-DECOUPLING DEVICE, AND LESS THAN 10° ANGULAR ROTATION OF THE COUPLING NUT.
 9. FOR INFORMATION REGARDING SPACE GRADE CONNECTORS SEE HRC DRAWING 0100-144-J78.

NEXT ASSY	USED ON
APPLICATION	

QTY REQ'D	CODE IDENT	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS .XX ± .XXX ± DECIMALS .XX ± .XXX ± ANGLES ±			PARTS LIST			
MATERIAL		1	APPROVALS DRAWN C. PHILLIPS CHECKED R. JIMENEZ DESIGN R. FIGUEROA			
FINISH		1	DATE 07/05/11 07/05/11 07/05/11			
DO NOT SCALE DRAWING		HiREL CONNECTORS INC. 760 W. WHARTON DRIVE CLAREMONT CA 91711				
		CONNECTOR, PLUG, MINIATURE DOUBLE-START, SELF LOCKING WITH BAND CLAMP				
		SIZE C	CODE IDENT NO. 34222	DRAWING NO. H2DA2*-121-**-*****		
		SCALE ~	29286	SHEET 1 OF 1		

ENVELOPE

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