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REVISIONS

ZONE	LTR	DESCRIPTION	DATE	APPROVED
	NR	INITIAL RELEASE	GCJ	5/11/15 MD
	NR1	SEE DCO-04295	ES	10/3/22 SI

TABLE I

CLASS	MATERIAL	FINISH
F	AL	ELECTROLESS NICKEL
G	AL	ELECTROLESS NICKEL (SPACE GRADE)
K	CRES	PASSIVATED
T	Ti	NATURAL (NON MIL-STD CLASS)
S	CRES	ELECTRODEPOSITED NICKEL
W	AL	O D CADMIUM OVER NICKEL
B	TI	NICKEL (NON MIL-STD CLASS)

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL AND FINISH:
SHELL: PER MIL-DTL-38999, SERIES III, SEE TABLE I
COUPLING NUT: PER MIL-DTL-38999, SERIES III, SEE TABLE I
INSULATOR: GLASS REINFORCED EPOXY
WIRE SEALING GROMMET: RESILIENT FLUOROSILICONE/SILICONE BLEND
INTERFACIAL SEAL (PIN INSERT ONLY): RESILIENT FLUOROSILICONE/SILICONE BLEND
CONTACT RETAINING CLIPS: COPPER ALLOY.
2. THE CONNECTOR DESCRIBED ON THIS DRAWING MEETS MECHANICAL AND ELECTRICAL CHARACTERISTICS OF MIL-DTL-38999, SERIES III, MIL-DTL-38999/26 AND MIL-STD-1560.
3. THIS CONNECTOR PROVIDES 360° SHELL-TO-SHELL BOTTOMING WHEN FULLY MATED. IN ADDITION, THIS CONNECTOR IS EQUIPPED WITH AN ANTI-DECOUPLING DEVICE WHICH PROVIDES FOR AN OVER TRAVEL OF THE COUPLING NUT, BEYOND THE SHELL-TO-SHELL BOTTOMING POINT, OF AT LEAST ONE "CLICK" OF THE ANTI-DECOUPLING DEVICE, AND LESS THAN 5° ANGULAR ROTATION OF THE COUPLING NUT.
4. FOR POLARIZATION USE 'N', 'A', 'B', 'C', 'D' & 'E'.
5. FOR SPACE GRADE CONNECTORS THE REQUIREMENTS OF HIRELCO DRAWING 0100-144 SHALL APPLY UNLESS OTHERWISE SPECIFIED ON PURCHASE ORDER.
6. THIS CONNECTOR INCORPORATES A FULLY SEALED MECHANISM TO RESIST FLUID INTRUSION INTO THE MECHANISM BY SPRAY MIST OR CONDENSATION APPLIED TO CONNECTOR FROM ANY ANGLE.
7. THIS CONNECTOR MEETS VIBRATION REQUIREMENTS EXCEEDING THOSE OF MIL-DTL-38999.
8. SEE INDIVIDUAL P/N FOR PART REVISION.

EXPLANATION OF PART NUMBER

D38999/26 K H 21 S N

- POLARIZATION: PER MIL-DTL-38999, SERIES III 4
("N" REQUIRED FOR NORMAL POLARIZATION)
- CONTACT STYLE DESIGNATOR:
 - A = PIN CONTACT INSERT (NO CONTACTS)
 - B = SOCKET CONTACT INSERT (NO CONTACTS)
 - P = PIN, 500 CYCLE
 - S = SOCKET, 500 CYCLE
 - H = PIN, 1500 CYCLE
 - J = SOCKET, 1500 CYCLE
- INSERT ARRANGEMENT: PER MIL-STD-1560
- SHELL SIZE DESIGNATOR
- CONNECTOR CLASS PER MIL-DTL-38999, SERIES III, SEE TABLE I
- BASIC NUMBER

ENVELOPE

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES $\pm \sim$ $.XX \pm \sim$ $\pm \sim$ $.XXX \pm \sim$			HiREL CONNECTORS INC. 760 W WHARTON DRIVE CLAREMONT CA 91711		
			APPROVALS	DATE	PLUG, SELF-LOCKING		
			DRAWN G JAWOR	5/11/15			
			CHECKED M. DISHMAN	5/11/15			
		MATERIAL			SIZE	CODE IDENT NO.	DRAWING NO.
					B	34222	D38999/26*****
		FINISH					
							
NEXT ASSY	USED ON						
APPLICATION		DO NOT SCALE DRAWING		SCALE	NONE	35375	SHEET 1 OF 2

