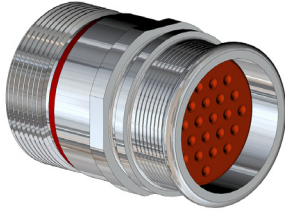
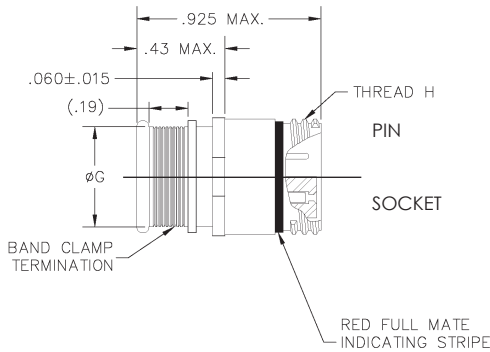


H2DA2* - 211



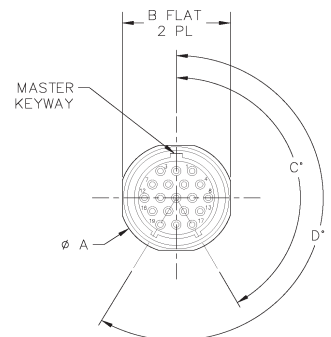
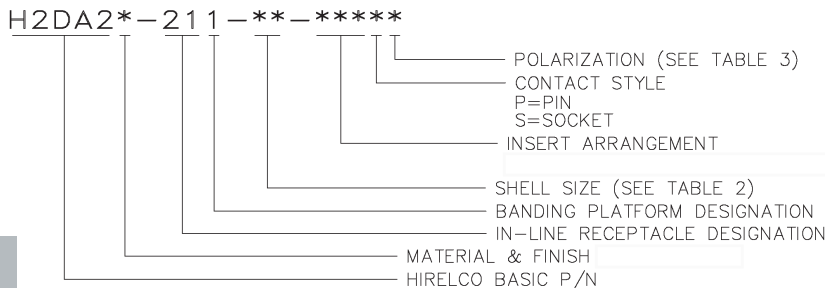
The HiRel **H2DA2*-211** High Density Inline Receptacle is equipped with a double start ACME thread and a rear clamp band accessory. It has an enhanced sealing grommet designed to protect the interior components from the harshest environmental conditions. This H2D receptacle is available in shell sizes 5-21 with any of our standard insert arrangements as well as custom configurations.



Testing	
Operating Temperature	-65°C to +175°C*
Random Vibration	37g
Shock	300G, half-sine, 3ms, 3 axes
Gunfire Vibration	37g

SHELL SIZE	ØA ±.015	B ±.015	ØG ±.015	THREAD H
05	.355	.330	.257	.3125-.05P-.1L-2A
06	.415	.385	.309	.3750-.05P-.1L-2A
07	.480	.455	.394	.4375-.05P-.1L-2A
08	.540	.510	.429	.5000-.05P-.1L-2A
09	.605	.575	.491	.5625-.05P-.1L-2A
10	.665	.635	.564	.6250-.05P-.1L-2A
13	.855	.825	.651	.8125-.1P-.2L-2A
16	1.040	1.010	.814	1.000-.1P-.2L-2A
17	1.110	1.070	.868	1.062-.1P-.2L-2A
21	1.405	1.385	1.116	1.3125-.1P-.2L-2A

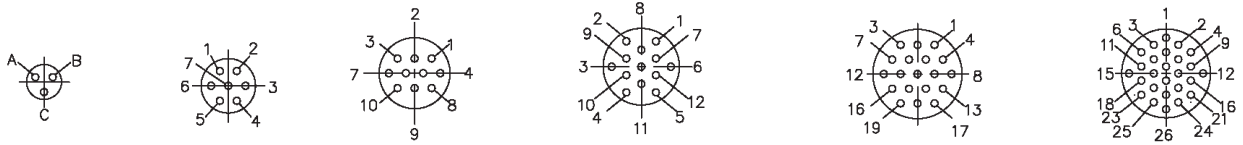
POSITION	MINOR KEY ANGLES	
	C°	D°
A (NORMAL)	150°	210°
B (ALTERNATE)	75°	210°
C (ALTERNATE)	95°	230°
D (ALTERNATE)	140°	275°
E (ALTERNATE)	75°	275°
F (ALTERNATE)	95°	210°



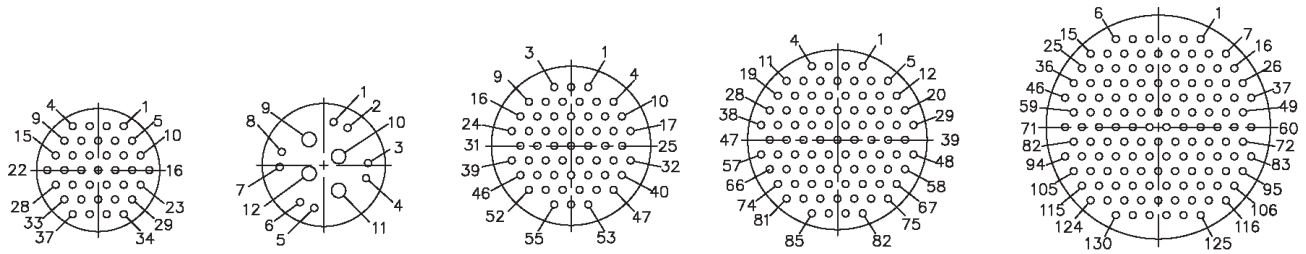
* See "Classes/Finishes" table for exceptions

INSERT ARRANGEMENTS

Front face of pin insert engagement side shown. Socket insert is mirror image of pictured.



Insert Arrangement	05-003	06-007	07-010	08-013	09-019	10-026
No. of Contacts	3	7	10	13	19	26
Contact Size	#23	#23	#23	#23	#23	#23
DWV Voltage (VAC)	500	500	500	500	500	500
Current Rating (Amps)	5	5	5	5	5	5



Insert Arrangement	13-037	13-048	16-055	17-085	21-130
No. of Contacts	37	4	8	55	130
Contact Size	#23	#16	#23	#23	#23
DWV Voltage (VAC)	500	1800	500	500	500
Current Rating (Amps)	5	13	5	5	5

CONTACTS



Contact Pin:

Contact Socket:

Size 23

Size 23

0009-047-000 (22-24 AWG Wire)	0012-049-000 (22-24 AWG Wire)
0009-114-000 (26-28 AWG Wire)	0012-287-000 (26-28 AWG Wire)

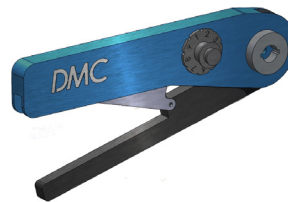
CLASSES/FINISHES

Class	Material	Finish
C	Al	Anodize Black**
F	Al	Low Stress Nickel**
W	Al	Olive Drab Cadmium over Nickel
T	Al	Nickel Teflon
Z	Al	Zinc Nickel
B	Ti	Nickel**
K	Cres	Passivated**

For Space Grade Applications, add a "1" after the Class.
Ex: Space Grade Titanium with Nickel plating = B1

** Operating Temperature -65°C to +200°C

TOOLS



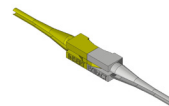
Crimp Tool:

Daniels P/N AFM-8
(M22520/2-01)



Positioner:

Daniels P/N K-710A (Socket)
Daniels P/N K-709A (Pin)



Insertion / Extraction Tool:

P/N 08AT024-23 (Size 23)

For hermetic connectors, alternate insert arrangements or connectors with size #16 contacts, please consult factory for more information.