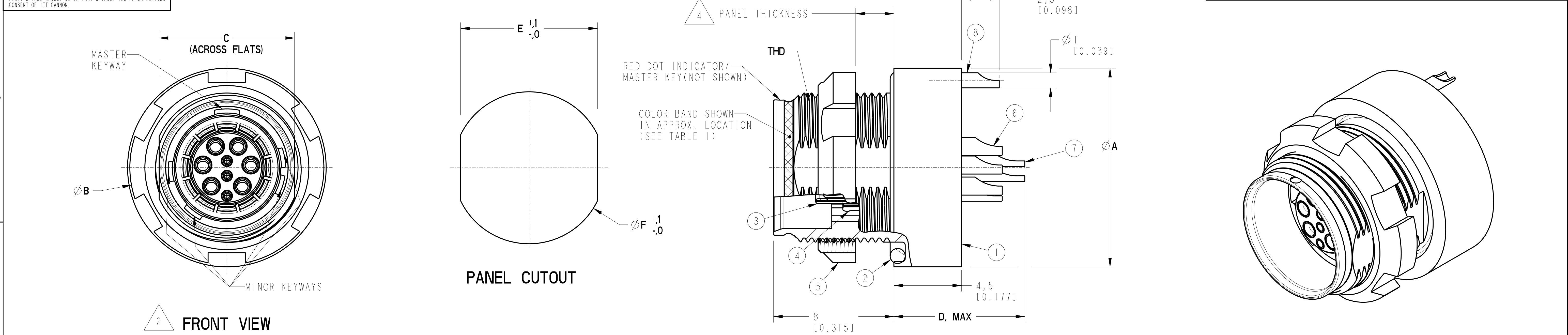




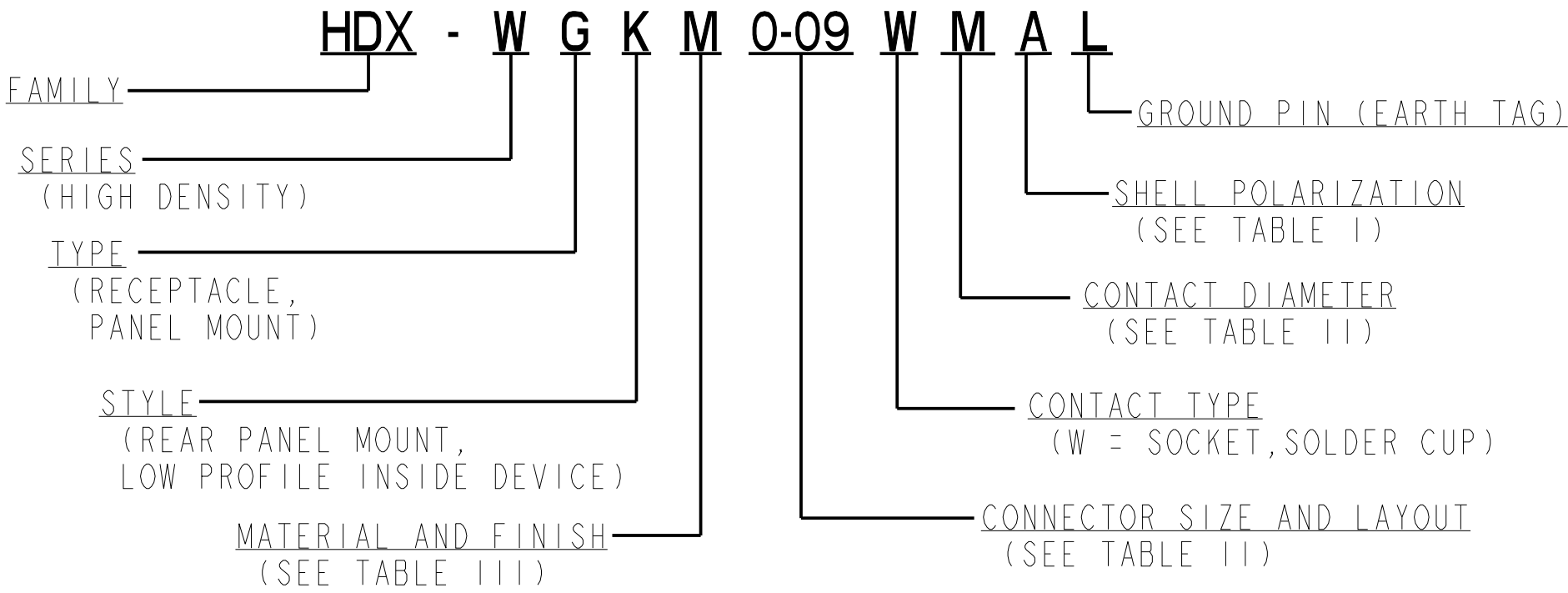
CLOCKING	COLOR BAND
A	BROWN
B	RED
C	BLUE
D	GREEN

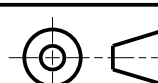
TABLE II - LAYOUTS & DIMENSIONS								
SIZE - LAYOUT	CONTACT DIAMETER	Ø A	Ø B	C	D, MAX	E	ØF	THD
0-09	M - MULTI	13,2 [.52]	13 [.512]	9 [.354]	8,7 [.343]	9,1 [.358]	10,1 [.398]	M10 X 0,5
0-12	M - MULTI							
0-16	B - 0,3mm							
1-20	M - MULTI	15,3 [.602]	15 [.591]	11,5 [.453]	10,2 [.402]	11,6 [.457]	12,1 [.476]	M12 X 0,5
1-27	B - 0,3mm							

ITEM NUMBER	COMPONENT	MATERIAL	PLATING
1	RECEPTACLE SHELL	M - BRASS/ RUTHENIUM OVER ELECTROLESS NICKEL (ROH)	
2	FLANGE O-RING	FLUROSILICONE	N/A
3	INSULATOR	POLYETHERIMIDE, GF	N/A
4	INTERNAL SPRING	BE CU.	GOLD OVER NICKEL
5	PANEL NUT	ALUM. ALLOY	HARD BLACK ANODIZE
6	POWER CONTACTS	COPPER ALLOY	GOLD OVER NICKEL
7	SIGNAL CONTACTS	COPPER ALLOY	GOLD OVER NICKEL
8	GROUND PIN	COPPER ALLOY	GOLD OVER NICKEL
9 (NOT SHOWN)	POTTING MATER'L	THERMOSET EPOXY	NA

PERFORMANCE PROPERTIES	
POWER CONTACTS, 0,7mm	AWG 22 CURRENT RATING 5A (SINGLE CONTACT)
SIGNAL CONTACTS, 0,3mm	AWG 28 CURRENT RATING 1A (SINGLE CONTACT)
INSULATION RESISTANCE	100 M Ω MINIMUM
DWV	NO BREAKDOWN AT OR BELOW 1000 VDC
RATED VOLTAGE	250V
OPERATING TEMPERATURE	-51°C TO +125°C
WATER TIGHTNESS	20m DEPTH FOR 120 MIN (IPX8) PER MIL-STD-883C METHOD 512.5, PROCEDURE I
	TIGHTNESS TO IPX9K PER ISO 20653 2013-02-15
VIBRATION	15g (SINE), 10-2,000HZ, NO DISCONTINUITY>1 μ s EIA-364-28F
SHOCK	50g AMPLITUDE, 1/2 SINE PULSE OF 6ms, NO DISCONTINUITY>1 μ s EIA-364-27C
MECHANICAL DURABILITY	5,000 MATING CYCLES

EXPLANATION OF PART NUMBER



			
ITT Cannon LLC			
56 Technology Drive, IRVINE, CA 92618			
UNLESS OTHERWISE SPECIFIED: -DEFAULT ANGLE TOLERANCE IS $\pm 1^\circ$ -DEFAULT LENGTH TOLERANCE IS $\pm 0.13 \text{ MM } (1.0051 \text{ IN.})$ -REMOVE ALL BURRS AND SHARP EDGES $0.13 (1.0051) \text{ MAX.}$ SURFACE FINISH SHALL BE $1.6 (63) \text{ WIT RMS MAX.}$	METRIC	WEIGHT	CRITICAL DIM  0
		DENSITY	SPC DIM  0
		VOLUME	KEY CHARACTERISTIC  0
DRAWN	C. HA	DATE 02/01/22	SURFACE AREA
CHECKED	A. ABLOTT	DATE 04/01/22	REF
APPROVED	S. VILLARRUEL	DATE 04/01/22	PART NO. VARIOUS
UNLESS OTHERWISE SPECIFIED: -DIMENSIONS ARE IN MM'S AND (INCHES). -DIMENSIONAL LIMITS APPLY BEFORE PLATING. -DIM'S AND TOL'S ARE PER ASME Y14.5M-1994. -DO NOT SCALE DRAWING.	METRIC	DESCRIPTION	
	8.000	CONNECTOR, RECEPTACLE, ELECTRICAL	
	CAGE CODE	HDX, J/N, REAR MNT	
	71468	SOCKET, SOLDER CUP, MSTR DWG	
3RD ANGLE PROJECTION		SIZE	REV
	D C	SHEET	-
		028030Y0103	

RoHS COMPLIANCE CODE	
NTC	- not RoHS compliant
ROC	- RoHS not hi-temp
ROH	- RoHS & hi-temp (260°C)
NOTE	- REFER TO TABLE/NOTES

NOTE

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[ITT Cannon:](#)

[HDX-WGKM0-09WMAL](#) [HDX-WGKM0-09WMBL](#) [HDX-WGKM0-09WMCL](#) [HDX-WGKM0-12WMAL](#) [HDX-WGKM0-12WMBL](#) [HDX-WGKM0-12WMCL](#) [HDX-WGKM0-16WBAL](#) [HDX-WGKM0-16WBBL](#) [HDX-WGKM0-16WBCL](#)