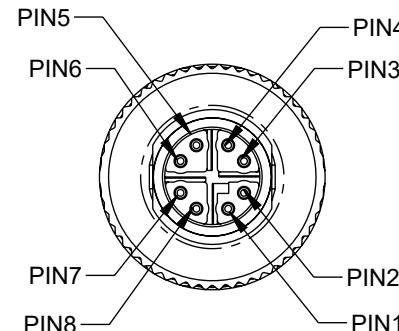
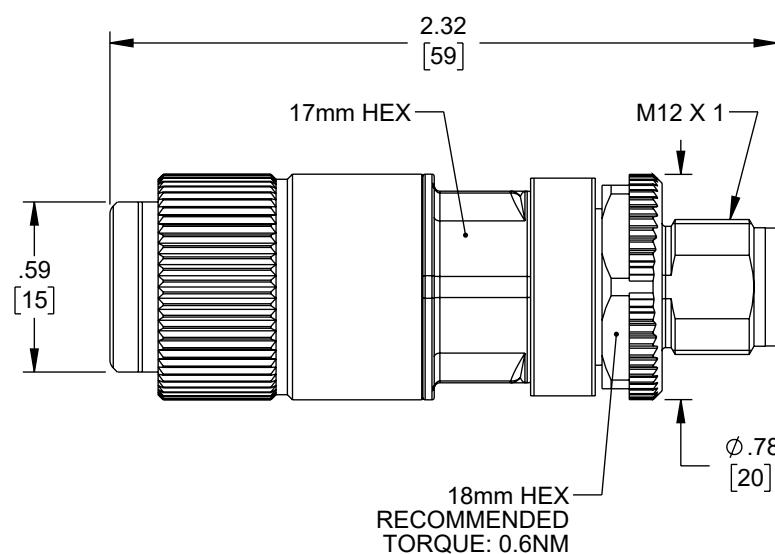


## REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	06/11/2025	KGLEBOVA	GUTTADAURO



M12 SHIELDED MALE  
8 PIN X-CODED CONNECTOR

## NOTES:

1. CABLE OUTSIDE DIAMETER: .217 [5.5] - .354 [9].
2. CONDUCTOR CROSS SECTION:  
STRANDED: 0.14 - 0.34mm<sup>2</sup> (26 - 22AWG); SOLID: 0.25 - 0.34mm<sup>2</sup> (24 - 22AWG)
3. TERMINATION: IDC CONNECTION.
4. CONNECTION: PLUGGABLE, SCREW LOCKING.
5. TEMP. RANGE: -40°C TO +85°C.
6. PROTECTION: IP67 (WHEN MATED AND TIGHTENED).
7. HOUSING MATERIAL: CUZN, NICKEL PLATED .
8. SCREW: M12X1 ZINC PRESSURE DIE CASTING SURFACE NI.
9. NOMINAL VOLTAGE: 50V AC/ 60V DC
10. RATED CURRENT (40 °C): MAX 0.5A
11. TRANSFER PARAMETERS: CAT6, CLASS EA (ISO/IEC 11801:2002), (EN 50173-1).
12. TRANSFER RATE: 10Gbps.
13. SHIPS UNASSEMBLED.

REGULATORY COMPLIANCE:  
EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION).

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

UNLESS OTHERWISE SPECIFIED  
LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:  
X = ±.2 [5]      FRACTIONS  
XX = ±.02 [0.5]      ± 1/32  
XXX = ±.005 [0.13]      ANGLES ± 1°

CABLE LENGTH TOLERANCES:  
≤12 [305] = ±1 [25] / -0  
>12 [305] ≤ 60 [1524] = ±2 [51] / -0  
>60 [1524] ≤ 120 [3048] = ±4 [102] / -0  
>120 [3048] ≤ 300 [7620] = ±6 [152] / -0  
>300 [7620] = ±5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY  
AND SUBJECT TO CHANGE WITHOUT NOTICE  
UN-DIMENSIONED/NON-CRITICAL FEATURES  
MAY VARY IN SIZE AND LOCATION  
COLORS MAY VARY

1	■	○	WHITE/ORANGE
2	■	○	ORANGE
3	■	○	WHITE/GREEN
4	■	○	GREEN
5	■	○	WHITE/BROWN
6	■	○	BROWN
7	■	○	WHITE/ BLUE
8	■	○	BLUE
		●	SHIELD

## WIRING DIAGRAM

Show Me™  
CABLES  
an INFINITB brand

Website: [www.ShowMeCables.com](http://www.ShowMeCables.com)  
Phone: 1.888.519.9505



INTERPRET ALL DIMENSIONS AND  
TOLERANCES PER ASME Y14.5

SCALE      SHEET  
NONE      1 OF 1

## DESCRIPTION

M12 8X-M FLDTRM 26-22AWG SHLD

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3SVT8	KGLEBOVA	SM12FT8XMS	A