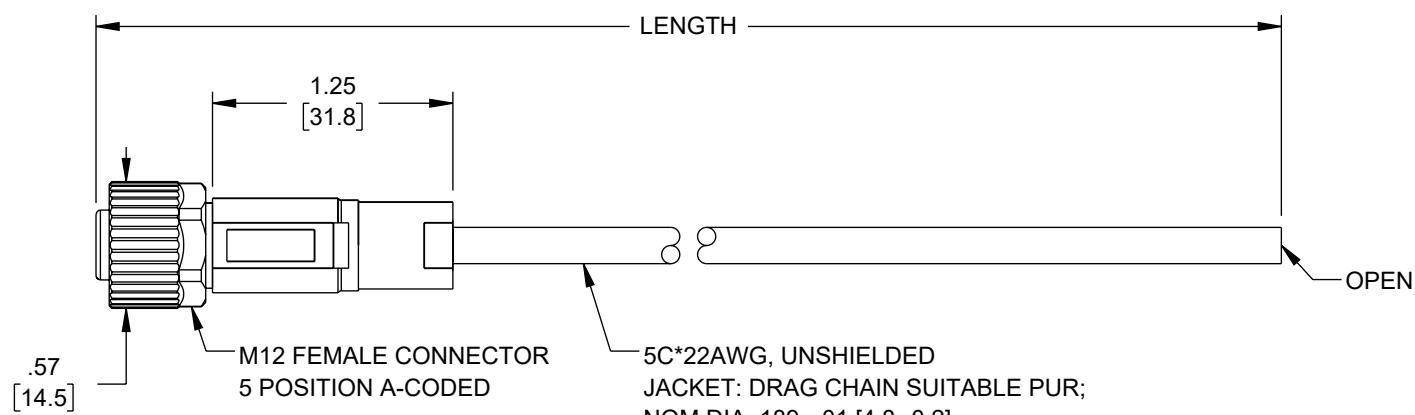
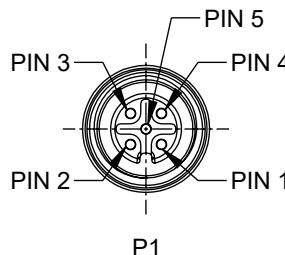
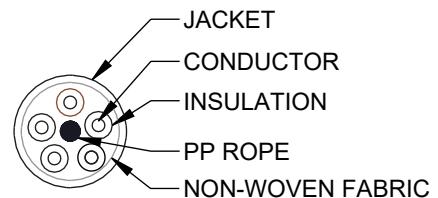


## REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	UPDATED PER ECO-13673	06/25/2024	HBAKKE	DGUST



5C\*22AWG, UNSHIELDED  
JACKET: DRAG CHAIN SUITABLE PUR;  
NOM DIA  $189 \pm .01$  [4.8  $\pm$  0.2]  
COLOR: GREEN



## NOTES:

## ELECTRICAL:

- NOMINAL VOLTAGE: 300 V
- OPERATING VOLTAGE: 60 V DC/AC MAX.
- OPERATING CURRENT PER CONTACT: 4 A MAX.

## APPLICATION:

- INGRESS PROTECTION RATING IS IP67 (MATED)
- RECOMMENDED TORQUE VALUE: 0.6 Nm
- BEND RADIUS FIXED: 38.4 mm MIN.
- BEND RADIUS MOBILE: 72 mm MIN.

## ENVIRONMENTAL:

- TEMPERATURE RANGE FIXED: -25°C TO +80°C
- TEMPERATURE RANGE MOBILE: -25°C TO +70°C
- CABLE JACKET RESISTANCE: OIL
- CABLE JACKET FLAME RATING: HB (UL 94).

## MISCELLANEOUS

- CABLE ASSEMBLY TO BE TESTED FOR CONTINUITY.
- CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED.

## REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENTLY RELEASED VERSION).

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P1	WIRE MAP	OPEN
BROWN 1		BROWN
WHITE 2		WHITE
BLUE 3		BLUE
BLACK 4		BLACK
GRAY 5		GRAY

ITEM NO	LENGTH [TOL.]	
	METERS [mm]	FEET [IN]
TRGA505-P2N-05M	0.5 [+35/-15]	1.64 [+1.38/-0.59]
TRGA505-P2N-1M	1 [+35/-20]	3.28 [+1.38/-0.79]
TRGA505-P2N-2M	2 [+35/-30]	6.56 [+1.38/-1.18]
TRGA505-P2N-3M	3 [+35/-30]	9.84 [+1.38/-1.18]
TRGA505-P2N-5M	5 [+60]	16.40 [+2.36]
TRGA505-P2N-10M	10 [+80]	32.81 [+3.15]
TRGA505-P2N-15M	15 [+80]	49.21 [+3.15]

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

TOLERANCES:  
 $X = \pm .2$  [5]      FRACTIONS  
 $XX = \pm .02$  [0.5]       $\pm 1/32$   
 $XXX = \pm .005$  [0.13]      ANGLES  $\pm 1^\circ$

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

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SCALE      SHEET  
NONE      1 OF 1

DESCRIPTION  
M12 5 POLE A CODE, 22AWG, PUR, FO, GRN

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	KGLEBOVA	TRGA505-P2N	B