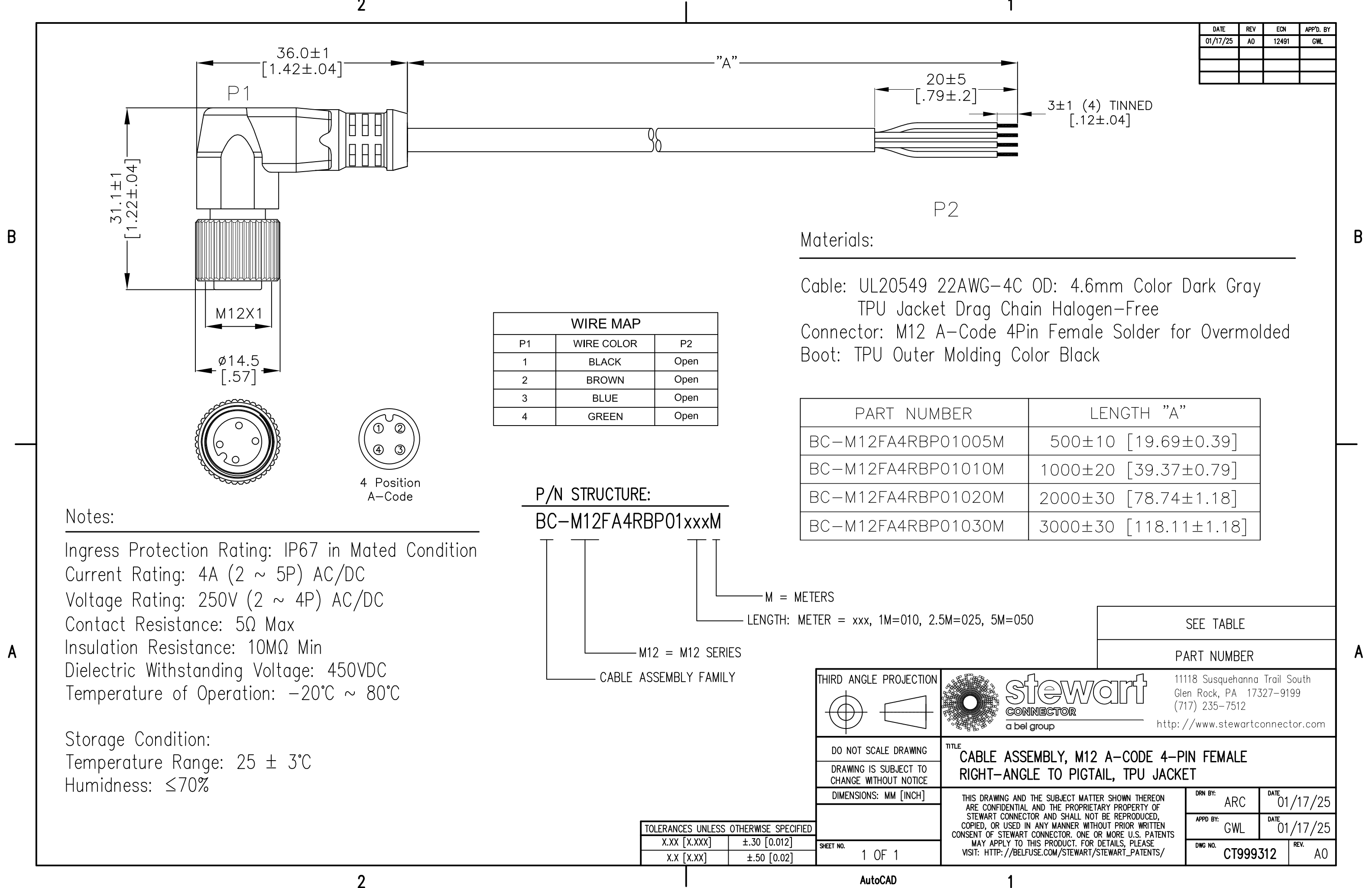




DATE	REV	ECN	APP'D. BY
01/17/25	A0	12491	GWL

Materials:

Cable: UL20549 22AWG-4C OD: 4.6mm Color Dark Gray
TPU Jacket Drag Chain Halogen-Free
Connector: M12 A-Code 4Pin Female Solder for Overmolded
Boot: TPU Outer Molding Color Black

WIRE MAP		
P1	WIRE COLOR	P2
1	BLACK	Open
2	BROWN	Open
3	BLUE	Open
4	GREEN	Open

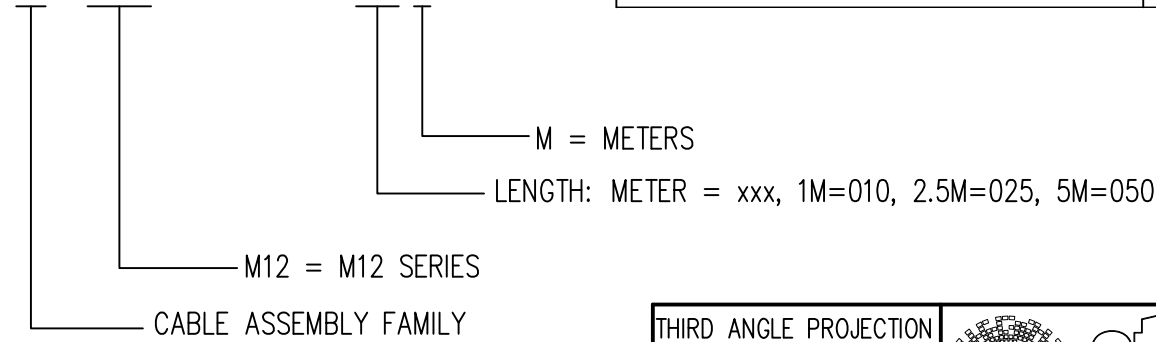
PART NUMBER	LENGTH "A"
BC-M12FA4RBP01005M	500±10 [19.69±0.39]
BC-M12FA4RBP01010M	1000±20 [39.37±0.79]
BC-M12FA4RBP01020M	2000±30 [78.74±1.18]
BC-M12FA4RBP01030M	3000±30 [118.11±1.18]

Notes:

Ingress Protection Rating: IP67 in Mated Condition
Current Rating: 4A (2 ~ 5P) AC/DC
Voltage Rating: 250V (2 ~ 4P) AC/DC
Contact Resistance: 5Ω Max
Insulation Resistance: 10MΩ Min
Dielectric Withstanding Voltage: 450VDC
Temperature of Operation: -20°C ~ 80°C

Storage Condition:
Temperature Range: 25 ± 3°C
Humidness: ≤70%

P/N STRUCTURE:
BC-M12FA4RBP01xxxM



SEE TABLE
PART NUMBER

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

DRAWING IS SUBJECT TO CHANGE WITHOUT NOTICE

DIMENSIONS: MM [INCH]

TOLERANCES UNLESS OTHERWISE SPECIFIED

X.XX [X.XXX]	±.30 [0.012]
X.X [X.XX]	±.50 [0.02]

SHEET NO.

1 OF 1

11118 Susquehanna Trail South
Glen Rock, PA 17327-9199
(717) 235-7512
<http://www.stewartconnector.com>

TITLE

CABLE ASSEMBLY, M12 A-CODE 4-PIN FEMALE
RIGHT-ANGLE TO PIGTAIL, TPU JACKET

THIS DRAWING AND THE SUBJECT MATTER SHOWN THEREON ARE CONFIDENTIAL AND THE PROPRIETARY PROPERTY OF STEWART CONNECTOR AND SHALL NOT BE REPRODUCED, COPIED, OR USED IN ANY MANNER WITHOUT PRIOR WRITTEN CONSENT OF STEWART CONNECTOR. ONE OR MORE U.S. PATENTS MAY APPLY TO THIS PRODUCT. FOR DETAILS, PLEASE VISIT: [HTTP://BELFUSE.COM/STEWART/STEWART_PATENTS/](http://BELFUSE.COM/STEWART/STEWART_PATENTS/)

DRW BY:	ARC	DATE	01/17/25
APPD BY:	GWL	DATE	01/17/25
DWG NO.	CT999312	REV.	A0