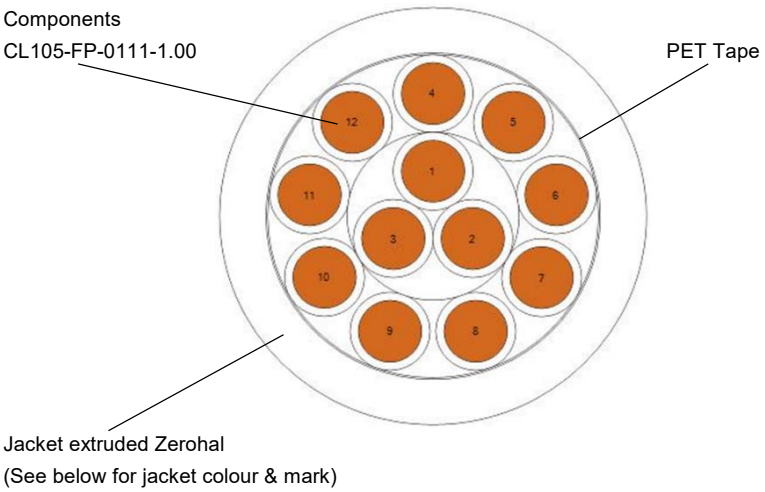
Engineering Product Design

Product Construction:	Product Family:	Rev
C-Lite Fire Resistant Multiconductor Unscreened, Jacketed Cables	**CL105F-SU-1.00**	5

Designer:	Date:	Product Manager:	Date:	Page:
Paul Cleary	21/11/2023	*James Rice*	21/11/2023	1 of 1

Drawing for reference purposes only:



Controlled Customer Copy:

COMMERCIAL MARINE UK

Specifications:

WSD 2300

Temperature rating:
TE rated to +120°C, +90°C for marine classification ratings.

Description	Internal Reference	Number of Cores	Core Lay Up	OD under Jacket (mm)	Nom Wall (mm)	Nom OD (mm)	Tolerance ± (mm)	Nom weight (kg/km)
CL105F-2x1.00-SU	EPD111860A	2	2	5.1	1.1	7.1	0.5	60
CL105F-3x1.00-SU	EPD111861A	3	3	5.2	1.1	7.2	0.5	74
CL105F-4x1.00-SU	EPD111862A	4	4	5.8	1.1	7.9	0.6	92
CL105F-5x1.00-SU	EPD111863A	5	F+5	6.5	1.1	8.6	0.6	110
CL105F-7x1.00-SU	EPD111864A	7	1+6	7.2	1.1	9.3	0.7	141
CL105F-10x1.00-SU	EPD111865A	10	2+8	9.4	1.2	11.8	0.8	201
CL105F-12x1.00-SU	EPD111866A	12	3+9	9.8	1.2	12.2	0.9	232
CL105F-14x1.00-SU	EPD111867A	14	4+10	10.4	1.3	12.8	0.9	263
CL105F-19x1.00-SU	EPD111868A	19	1+6+12	11.7	1.3	14.3	1.0	345
CL105F-24x1.00-SU	EPD111869A	24	2+8+14	13.7	1.4	16.4	1.1	430
CL105F-27x1.00-SU	EPD111870A	27	3+9+15	14.5	1.4	17.3	1.2	480
CL105F-37x1.00-SU	EPD111871A	37	1+6+12+18	16.3	1.5	19.2	1.3	635

Component identification: 2 core: Light Blue / White and sequentially numbered
Others: White and sequentially numbered

Jacket colour and marking: Jacket colour to be determined by appending description with standard colour code designator. Colours: 0=Black, 2=Red, 3=Orange, 5=Green, 6=Blue, 8=Grey e.g. CL105F-12x1.00-SU-0 has a black jacket.
Cable to be marked "TE Connectivity – CL105F-Yx1.00-SU - 0.6/1kV - IEC 60331-* (120) - IEC 60332-3-22 - Batch Number"
* = 1 for cables > 20.0mm, 2 for cables =< 20.0mm
Y = Number of components as per column 3 above e.g. CL105F-12x1.00-SU.

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