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REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	ECO-13347	11/13/2023	DZINN	REVANGELIS

F

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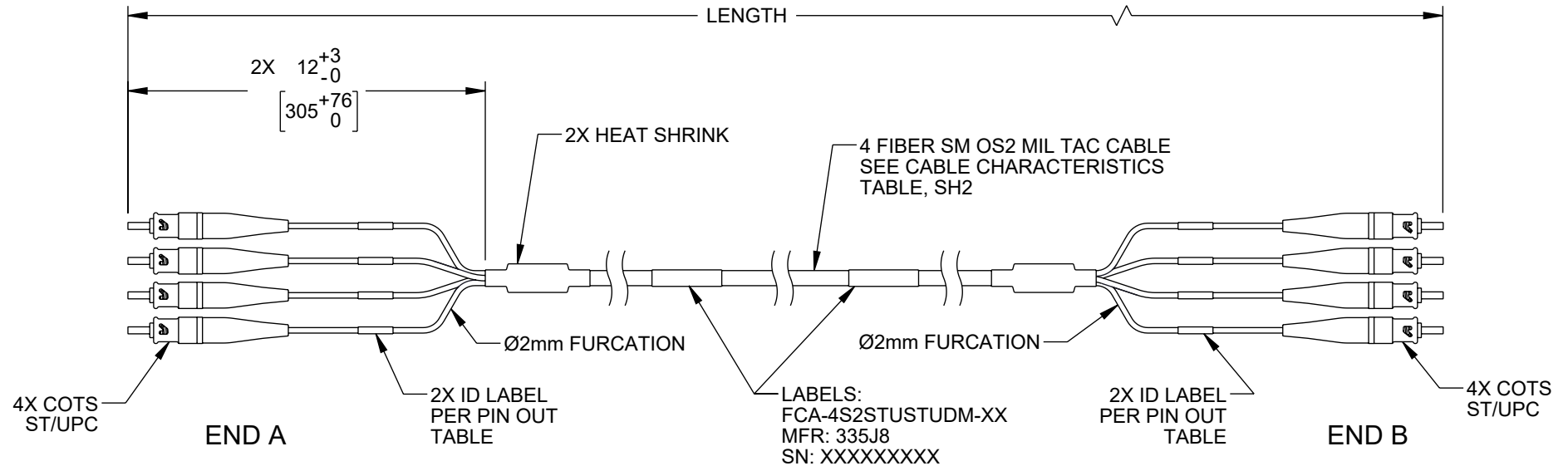
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PIN OUT	
END A	END B
1	1
2	2
3	3
4	4

ITEM NUMBER	LENGTH	
	METERS	FEET
FCA-4S2STUSTUDM-10	10	32.81
FCA-4S2STUSTUDM-15	15	49.21
FCA-4S2STUSTUDM-20	20	65.62

LENGTH (L)	LENGTH TOLERANCE
$L \leq 6\text{M}$ [19.69 FT]	+0.15 M [.49 FT] / -0
$L > 6\text{M}$ [19.69 FT] & $\leq 30\text{M}$ [98.43 FT]	+0.3 M [.98 FT] / -0
$L > 30\text{M}$ [98.43 FT]	+1 M [3.28 FT] / -0

NOTES:

- ST CONNECTOR ASSEMBLY POLISH TYPE: UPC
- CONNECTORS ARE SUPPLIED WITH DUST CAPS INSTALLED, NOT SHOWN.
- FABRICATED, INSPECTED, AND TESTED IAW IPC-A-640, CLASS 3.
- CABLE ASSEMBLY SHALL BE HAND COILED AND INDIVIDUALLY PACKAGED AND LABELED.

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

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

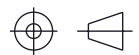
TOLERANCES:
 .X = ±.2 [5] FRACTIONS
 .XX = ±.02 [0.5] ± 1/32
 .XXX = ±.005 [0.13] ANGLES ± 1°

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
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UN-DIMENSIONED/NON-CRITICAL FEATURES
MAY VARY IN SIZE AND LOCATION
COLORS MAY VARY

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INTERPRET ALL DIMENSIONS AND
TOLERANCES PER ASME Y14.5

SCALE SHEET
NONE 1 OF 2

DESCRIPTION				
DEPLOYABLE MIL TACTICAL CABLE ASSY, SM, OS2, ST UPC 4X TO ST UPC 4X				
SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DZINN	FCA-4S2STUSTUDM	B

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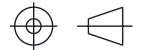
A

FIBER PERFORMANCE	
INDUSTRY STANDARD DESIGNATION	LOW WATER PEAK SINGLE-MODE ITU-T G.653.D
WAVELENGTH (nm)	1310/1550
PRIMARY COATING DIAMETER (μm)	500
SECONDARY BUFFER DIAMETER (μm)	900

MECHANICAL AND ENVIRONMENTAL	
IMPACT RESISTANCE TIA-455-25	1500 IMPACTS
CRUSH RESISTANCE TIA-455-41	1800 N/cm
FLEX RESISTANCE TIA-455-104	2000 CYCLES
OPERATING TEMPERATURE	-55°C TO +85°C
STORAGE TEMPERATURE	-70°C TO +85°C

CABLE CHARACTERISTICS	
JACKET MATERIAL	POLYURETHANE
BUFFER MATERIAL	HARD ELASTOMERIC
CABLE DIAMETER	5.5 mm [.22 in]

INSTALLATION AND OPERATING CHARACTERISTICS		
	INSTALLATION	OPERATING
MAX TENSILE LOAD	1800 N [400 lbs]	600 N [130 lbs]
MIN BEND RADIUS	5.5 cm [2.2 in]	2.8 cm [1.1 in]

 an INFINIT® brand Website: www.L-com.com Phone: 1.800.341.5266 1.978.682.6936		 INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	
		SCALE NONE	SHEET 2 OF 2
DESCRIPTION DEPLOYABLE MIL TACTICAL CABLE ASSY, SM, OS2, ST UPC 4X TO ST UPC 4X			
SIZE A	CAGE CODE 43321	DRAWN BY DZINN	ITEM NO. FCA-4S2STUSTUDM
			REV B

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