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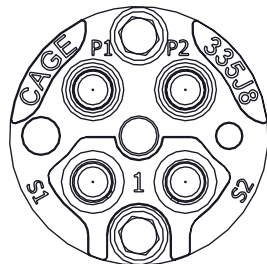
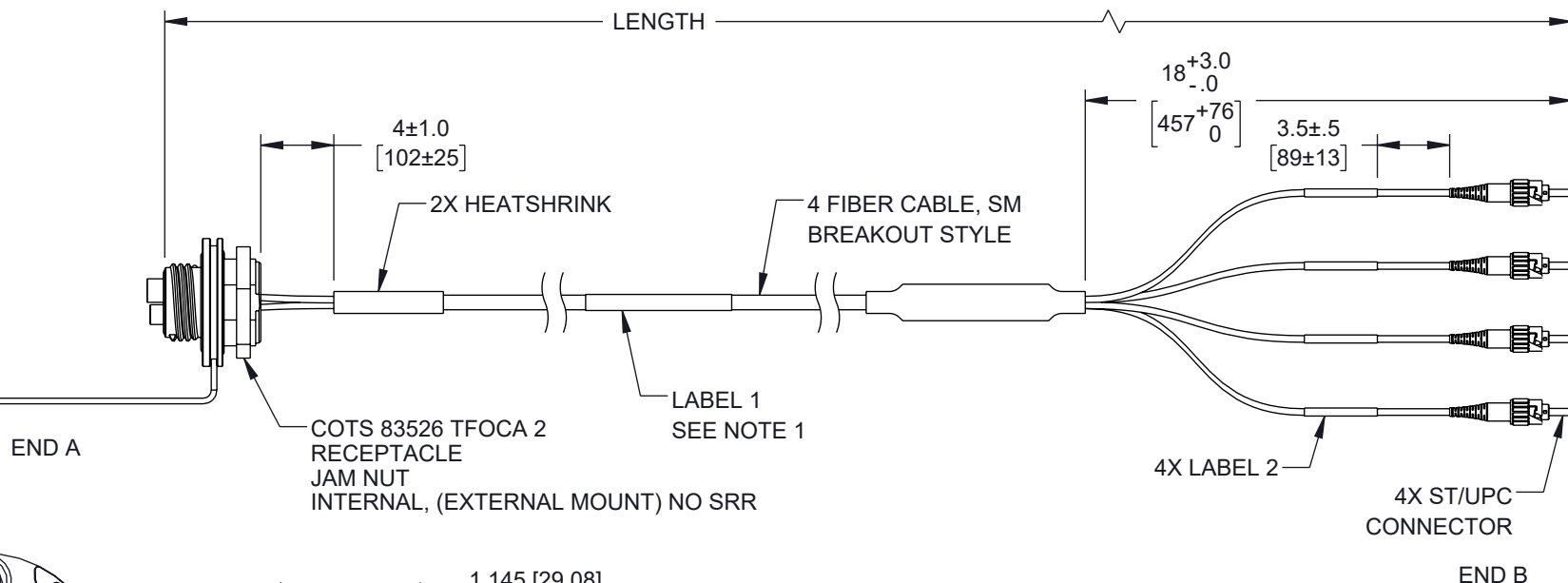
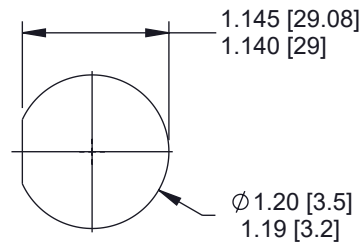
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REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	C	ECO-14665	06/17/2025	DMAY	

INSERT CAP
FACE VIEWRECOMMENDED
MOUNTING HOLE

NOTES:

1. IDENTIFICATION LABEL PLACEMENT IS APPROX CENTERED.
2. CABLE ASSEMBLY DELIVERED HAND COILED.
3. FABRICATED, INSPECTED AND TESTED IN ACCORDANCE WITH IPC-A-640 CLASS 3.

CABLE LENGTH TOLERANCE:

- LESS THAN (OR EQUAL TO) 20FT: +6"
- GREATER THAN 20FT - 100FT: +12"
- GREATER THAN 100FT: +36"

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LABEL 1

FCA-M8-JNSTSMMT-XX
MRF: 335J8
SN: XXXXXXXXXXXXXXXXXXXX

LABEL 2

XX-ST

SEE TABLE 1

TABLE 1: PINOUT DIAGRAM

END A	FIBER	END B
S1	BLUE	S1-ST
S2	GREEN	S2-ST
P1	ORANGE	P1-ST
P2	BROWN	P2-ST

TABLE 2: CABLE LENGTH

PART NO.	FEET	METERS
FCA-M8-JNSTSMMT-1	3.3	1
FCA-M8-JNSTSMMT-3	9.8	3

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

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

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INTERPRET ALL DIMENSIONS AND
TOLERANCES PER ASME Y14.5

SCALE
NONE

SHEET
1 OF 2

DESCRIPTION

COTS M83526 (TFOCA II EQUIVALENT) 83526/17 4 CHANNEL
JAM-NUT RECEPTACLE TO ST PC 4X SM 9/125/2mm, 1m

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	SREITER	FCA-M8-JNSTSMMT-1	C

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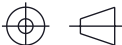
A cross-sectional diagram of a cable structure. The diagram shows a central core surrounded by several layers. The central core is labeled 'CENTRAL STRENGTH MEMBER/FILLER'. Surrounding this is a layer of 'TIGHT-BUFFER OPTICAL FIBER'. The next layer is labeled 'ARAMID YARN STRENGTH MEMBER'. This is followed by a 'SUBCABLE JACKET'. A 'RIPCORD' is shown as a small circle within the subcable jacket. The outermost layer is labeled 'OUTER JACKET'.

FIBER PERFORMANCE	
INDUSTRY STANDARD DESIGNATION	LOW WATER PEAK SINGLE-MODE ITU-T G.652.D
CORE/CLADDING DIAMETER (μm)	9/125
WAVELENGTH (nm)	1310/1550
SECONDARY BUFFER DIAMETER (μm)	900

MECHANICAL AND ENVIRONMENTAL	
IMPACT RESISTANCE TIA-455-25	1500 IMPACTS
CRUSH RESISTANCE TIA-455-41	2200 N/cm
OPERATING TEMPERATURE	-55°C TO +85°C
STORAGE TEMPERATURE	-70°C TO +85°C

INSTALLATION AND OPERATING CHARACTERISTICS		
	INSTALLATION	OPERATING
MAX TENSILE LOAD	2,200 N (490 lbs)	550 N (120 lbs)
MIN BEND RADIUS	7.5 cm (3.0 in)	3.8 cm (1.5 in)

CABLE CHARACTERISTICS	
JACKET COLOR	BLACK
JACKET MATERIAL	POLYURETHANE
BUFFER MATERIAL	HARD ELASTOMERIC
SUBUNIT OD	2.0 mm
CABLE DIAMETER	7.5 mm (0.30 in)

 L-com 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	SHEET
		NONE	2 OF 2
DESCRIPTION			
COTS M83526 (TFOCA II EQUIVALENT) 83526/17 4 CHANNEL JAM-NUT RECEPTACLE TO ST PC 4X SM 9/125/2mm, 1m			
SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	43321	SREITER	FCA-M8-JNSTSMMT-1
			REV C

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