ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	ECO-14578	05/21/2025	KGLEBOVA	GUTTADAURO

REVISION

1.53
[38.8]

.394
[10.0]
FLAT

POSITION 3

POSITION 4

POSITION 1

M8x1 THREAD

∅.492 [12.50]   ∅.213 [5.40]

10mm
HEX

WIRING DIAGRAM

BROWN	1	—	1
BLUE	3	—	3
BLACK	4	—	4

SPLICING RING   SOCKET M8
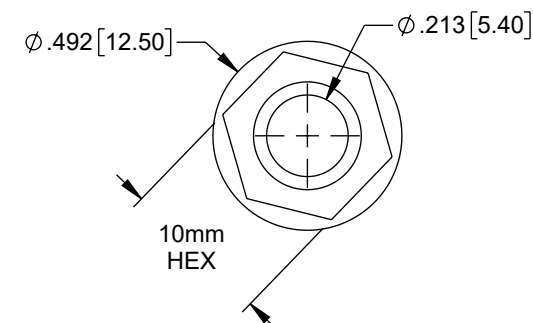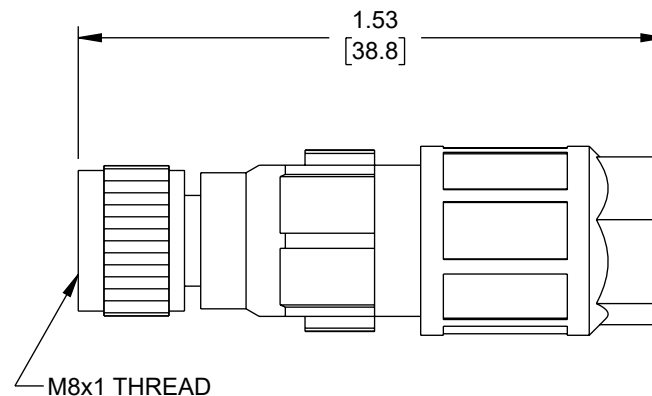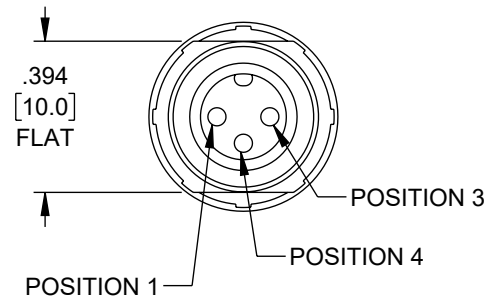
NOTES:

1. STANDARDS: DIN EN 61076-2-104 (M8)
2. CONNECTIONS: IDC TERMINAL
3. CONTACT CARRIER MATERIAL: TPU
4. CONTACT MATERIAL: COPPER ALLOY, GOLD PLATED
5. GASKET MATERIAL: NBR
6. TEMPERATURE RANGE: -25° C TO +80° C
7. OPERATING VOLTAGE: 48V AC/60 V DC
8. NUMBER OF POLES: 3
9. CONTACT RESISTANCE: ≤ 10mΩ
10. ISOLATION RESISTANCE: ≥ 100M Ω
11. CABLE SEALING RANGE: 2.5 - 5.0 mm
12. OUTER WIRE: 1.1 - 1.55 mm
13. PROTECTION: IP65 AND IP67, WHEN MATED
14. LOCKING MATERIAL: ZINC DIE CAST, MATTE NICKEL PLATED
15. MATING CYCLES: ≥ 100
16. ALL DIMENSIONS ARE FOR REFERENCE ONLY.
17. COMPONENT SHALL BE INDIVIDUALLY PACKAGE.
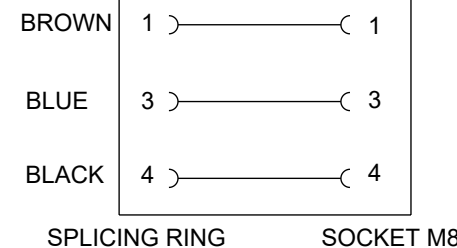
LC LG Rev-D5 Asize

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
AND SUBJECT TO CHANGE WITHOUT NOTICE.
UN-DIMENSIONED/NON-CRITICAL FEATURES
MAY VARY IN SIZE AND LOCATION
COLORS MAY VARY

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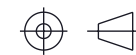
INTERPRET ALL DIMENSIONS AND
TOLERANCES PER ASME Y14.5

SCALE	SHEET
NONE	1 OF 1

DESCRIPTION

M8 3P-F FIELD TERM 24-20AWG

SIZE	CAGE CODE	DRAWN BY	ITEM NO.		REV
A	43321	DFRISIELLO		M8FTQ3F	B