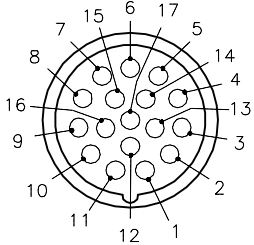


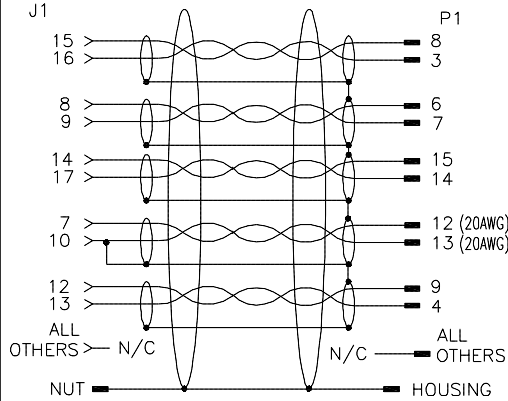
FEMALE END VIEW



1 = N/C
2 = N/C
3 = N/C
4 = N/C
5 = N/C
6 = N/C
7 = BROWN
8 = BLACK
9 = VIOLET
10 = WHITE
11 = N/C
12 = BLUE
13 = RED
14 = GRAY
15 = GREEN
16 = YELLOW
17 = PINK

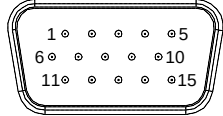
 M23 connector

WIRING DIAGRAM



1 = N/C
2 = N/C
3 = YELLOW
4 = RED
5 = N/C
6 = BLACK
7 = VIOLET
8 = GREEN
9 = BLUE
10 = N/C
11 = N/C
12 = BROWN
13 = WHITE
14 = PINK
15 = GRAY

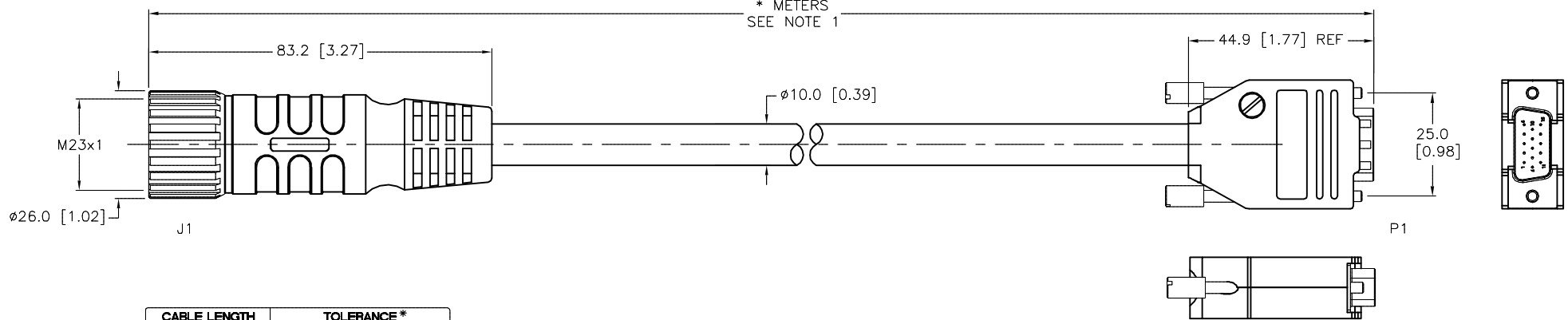
HDDB15M END VIEW



1 = N/C
2 = N/C
3 = YELLOW
4 = RED
5 = N/C
6 = BLACK
7 = VIOLET
8 = GREEN
9 = BLUE
10 = N/C
11 = N/C
12 = BROWN
13 = WHITE
14 = PINK
15 = GRAY

SPECIFICATIONS

CONTACT CARRIER MATERIAL	NYLON or PBT
MOLDED HEAD MATERIAL/COLOR	TPU/BLACK
CONTACT MATERIAL/PLATING	BRASS/GOLD
COUPLING NUT MATERIAL/PLATING	BRASS/NICKEL
RATED CURRENT [A]	2.0 A
RATED VOLTAGE [V]	300 V
OUTER JACKET MATERIAL/COLOR	TPU/GRAY
CONDUCTOR INSULATION MATERIAL	PVC (20 AWG), PE (26 AWG)
NUMBER OF CONDUCTORS	8x26 AWG (4x STP), 2x20 AWG
SHIELD	SPIRAL SHIELD (PAIRS) TINNED-COPPER BRAIDED (OVERALL)
TEMPERATURE RATING	-40°C to +80°C (-40°F to +176°F)



* METERS
SEE NOTE 1

CABLE LENGTH	TOLERANCE*
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER
STRIP LENGTH	TOLERANCE*
0-7mm	±0.5mm
8-29mm	±1.0mm
30-49mm	±2.0mm
50-69mm	±3.0mm
70-100mm	±4.0mm
OVER 100mm	±5.0mm

*UNLESS OTHERWISE SPECIFIED

NOTES:

1. "*" INDICATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTHS.

2. "/S3123" DESIGNATES FOR USE WITH KEB DRIVES AND HEIDENHAIN ENDAT ENCODERS -NOT FOR USE WITH OTHER DRIVES. UNUSED CONDUCTORS ARE TRIMMED BACK TO CABLE JACKET, BOTH ENDS.

3. CABLE ASSEMBLY FOR MULTIFAST ARE RATED AS STAND ALONE. OVERALL CABLE ASSEMBLY RATING IS THE RESPONSIBILITY OF THE CUSTOMER.

RELATED DOCUMENTS

1.
2.
3.
4.

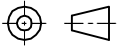
MATERIAL

SEE SPECIFICATIONS

FINISH

SEE SPECIFICATIONS

3RD ANGLE PROJECTION



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DRFT RDS
APVD L.M.

DATE 09/22/10
SCALE 1=1.5

UNIT OF MEASUREMENT
MILLIMETER [INCH]

DO NOT SCALE THIS DRAWING

TURCK

3000 CAMPUS DRIVE
MINNEAPOLIS, MN 55441
1-800-544-7769
(763) 553-7300
(763) 553-0708 fax
www.turck.us

DESCRIPTION

E-CKMS 17-10-1913-*--HDDB15MS/S3123

IDENTIFICATION NO.

REV
C

FILE: 777028409

SHEET 1 OF 1