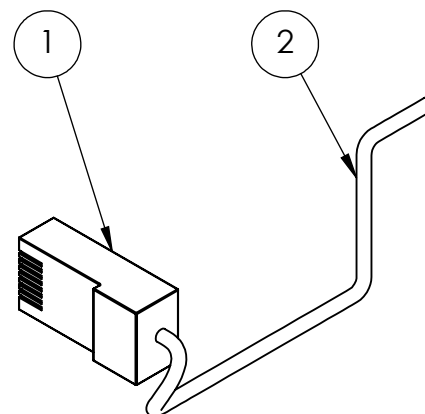


NOTES:

1. APPLICABLE STANDARDS/SPECIFICATIONS:
ASME Y14.5M-1994 DIMENSIONS AND TOLERANCES
MIL-STD-130 IDENTIFICATION MARKING
2. WIRE LABEL MUST INCLUDE DRAWING NUMBER, REVISION AND PRINCETON IDENTITY'S CAGE CODE: 7Q044. IAW MIL-STD-130 IN 0.125 INCH HIGH CHARACTERS FILLED WITH CONTRASTING COLOR.
3. CABLES MUST BE ROHS COMPLIANT
4. CABLE LENGTH APPRX 55CM
5. WIRE SIZE: 24AWG
6. TWISTED PAIRS
7. JACKET CABLES WITH OD BETWEEN 5-7mm
8. STRIP AND TIN LEADS 5mm ON NON-ETHERNET SIDE

REVISION HISTORY					
ZONE	SHEET	REV	DESCRIPTION	DATE	APPROVED
ALL	ALL	A	INITIAL RELEASE	19/03/18	KJK
A3		B	UPDATED WITH COTS CABLE	19/05/10	KJK

WIRE LAYOUT				
M12	RJ45	FUNCTION	PAIR	COLOR
1	1	TD+	1	WHITE/ORANGE
3	2	TD-	1	ORANGE
2	3	RD+	2	WHITE/GREEN
4	6	RD-	2	GREEN



QTY REQD	CAGE CODE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MANUFACTURER	FIND NO.
1	2S894	AE10316-ND	RJ45	DIGI-KEY	1
1		CM-00424CAXH-5E-02	ETHERNET CABLE	ANIXTER	2

PARTS LIST

<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE:</small> <small>DECIMALS ANGLES</small> <small>.X ± .03 ± 1°</small> <small>.XX ± .01</small> <small>.XXX ± .005</small> <small>DO NOT SCALE DRAWING</small> <small>MATERIAL SEE NOTE</small> <small>FINISH SEE NOTE</small> <small>SIMILAR TO</small>	CONTRACT NO.		300 HORIZON DR. SUITE 304 HAMILTON NJ, 08691 (609)-256-6994			
	APPROVALS	DATE				
	DRAWN	KJK	19/03/05	ETHERNET CABLE		
	CHECK		19/03/05			
ENGR	KJK	19/03/05	SIZE	CAGE CODE	DWG NO.	REV.
DESIGN ACTIVITY	NEPTUNE		B	7Q044	1000-1740	B
CUSTOMER			SCALE	ACT. WT.	CALC. WT.	SHEET
			1:1			1 OF 1

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