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REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	ECO-15276	02/05/2026	TUFRERE	DGUST

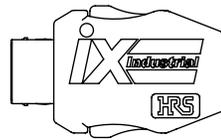
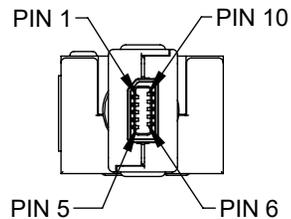
PIN ASSIGNMENT

IX PIN #	COLOR	RJ45 PIN#
1	ORN/WHT	1
2	ORN	2
3		
4	BLU	4
5	BLU/WHT	5
6	GRN/WHT	3
7	GRN	6
8		
9	BRN/WHT	7
10	BRN	8
SHIELD	SHELL	SHELL

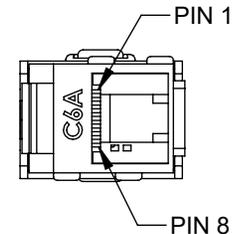
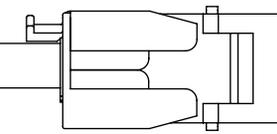
MODEL #	LENGTH		
	CM	M	FT
TRGIX606EC-BLK-20CM	20	.2	.66
TRGIX606EC-BLK-1M	100	1	3.28
TRGIX606EC-BLK-3M	300	3	9.84

RJ45 CAT6a
SHIELDED KEYSTONE
JACK/TEL POE+

IX INDUSTRIAL
TYPE B PLUG



CAT6a, 4 TWISTED PR, 26AWG STRANDED TINNED COPPER
WITH ALUM/POLY SHIELD (100%) WITH
TINNED COPPER DRAIN WIRE,
JACKET: POLYVINYLCHLORIDE, BLACK
CABLE O.D.: 0.233 NOM



NOTES:

CABLE CHARACTERISTICS:

TEMPERATURE RATING: -20 °C TO +75 °C

VOLTAGE RATING: 300 V

SHIELDED FLEXIBLE PATCH/JUMPER CABLE SUPPORTS SCREENED

568-C.2 CAT 6A APPLICATIONS

RECOMMENDATIONS IN TIA-568-C.2

RATING: NEC(UL)CMR/CMG

- NOMINAL VOLTAGE: 50 V AC/ 60 V DC
- IX CONNECTORS CONFORM TO IEC STANDARD 61076-3-124
- THIS PRODUCT (TYPE B) IS USED FOR NON ETHERNET APPLICATIONS LIKE SIGNALING, SERIAL OR OTHER INDUSTRIAL BUS COMMUNICATION SYSTEMS.
- RJ45 CONTACTS: 50um GOLD PLATED
- CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
- CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM PACKAGING SPECIFICATION PS-0031.

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LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

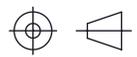
TOLERANCES:
 .X = ±.2 [5] FRACTIONS
 .XX = ±.02 [0.5] ± 1/32
 .XXX = ±.005 [0.13] ANGLES ± 1°

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

IXB-RJ45J, CAT6a F/UTP CMR/CMG PVC BLK

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	BPUCHASKI	TRGIX606EC-BLK	B

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