

PAGE	DWG STATUS					REVISION HISTORY	GPDS	DR	CK	ENG
	DATE	ST	REV	CHG	PDI					
	4MY12	R	000			INITIAL RELEASE			SV	WB
	25N013	R	001			TOOLING FOR KEYS E, F, AVAILABLE			SV	MP
	24JL14	R	002			DRAWING UPDATED			SV	AV
	17JL16	R	003			ADDITION OF CODES D, G & H	JNXGA		SV	AV

NOTES:

1. CONNECTOR SHIPPED WITH TPA AND CPA IN PRE-LOCK POSITION.
2. CPA PUSH-IN-FORCE, FROM PRE-LOCK TO LOCK: SEE DVP&R FOR PERFORMANCE DATA
3. CONNECTOR INSERTION FORCE: AVERAGE MATING FORCE IS 54N
4. CONNECTOR RETENTION FORCE: MIN 80N
5. CLIP SLOT NUMBER (IF APPLICABLE): EWCAP-005-7
6. DRESS COVER NUMBER: AVAILABLE THROUGH 3RD PARTY
7. KOSTAL PROCESS SPECIFICATIONS:
 - MLK 1,2 TERMINALS: DOC00061540
 - T3/V2 CONNECTOR: DOC01370128
 - T4/V4 CONNECTOR: DOC01102054
8. KOSTAL CONNECTOR DRAWING NUMBERS:
 - T3/V2 CONNECTOR: 10059265
 - T4/V4 CONNECTOR: DOC01204318
9. KOSTAL MLK 1,2 Sm DRAWING NUMBER: DOC00079128
10. KOSTAL WIRE SEAL DRAWING NUMBER: DOC00033206
11. MATING CONNECTOR DRAWING NUMBERS:
 - T4/V4 CONNECTOR: GM - 13576800
 - KOSTAL - DOC01206390
12. FOR DEVICE INTERFACE, SEE DRAWING(S):
 - USCAR: 120-S-004-1-Z02
 - AK: WSK 013 070 EB
13. THE T4/V4 HIGH PERFORMANCE CONNECTOR INTERFACE IS CONTROLLED BY USCAR AND IS NOT INTERCHANGABLE WITH THE T3/V2 FOOTPRINT CONTROLLED BY THE AK WORKING GROUP.
14. USCAR KEYWAY'S E THROUGH Z ARE DIFFERENT FROM AK VERSION.
15. KOSTAL RECOMMENDS SILVER PLATED TERMINALS FOR ALL CONNECTORS. T4/V4 REQUIRES USE OF SILVER PLATED TERMINALS.
16. FOR T4/V4, KOSTAL RECOMMENDS THE FOLLOWING SURFACE COATING:
 - 1-2 μ m CuNi, 4-8 μ m Ag gl/dm
 - [ASTM B700, TYPE 1, GRADE D, CLASS S]
17. ALL CONNECTORS USE AK (TANGED) TERMINALS.
18. ALL PART NUMBERS SUBJECT TO AVAILABILITY. CONTACT KOSTAL FOR TOOLING AND VOLUME INFORMATION.
19. SEE PAGE 1 FOR ADDITIONAL NOTES.



PAGE TITLE

REVISION BLOCK / GENERAL NOTES

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13576803

DWG STATUS

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R	003	

003

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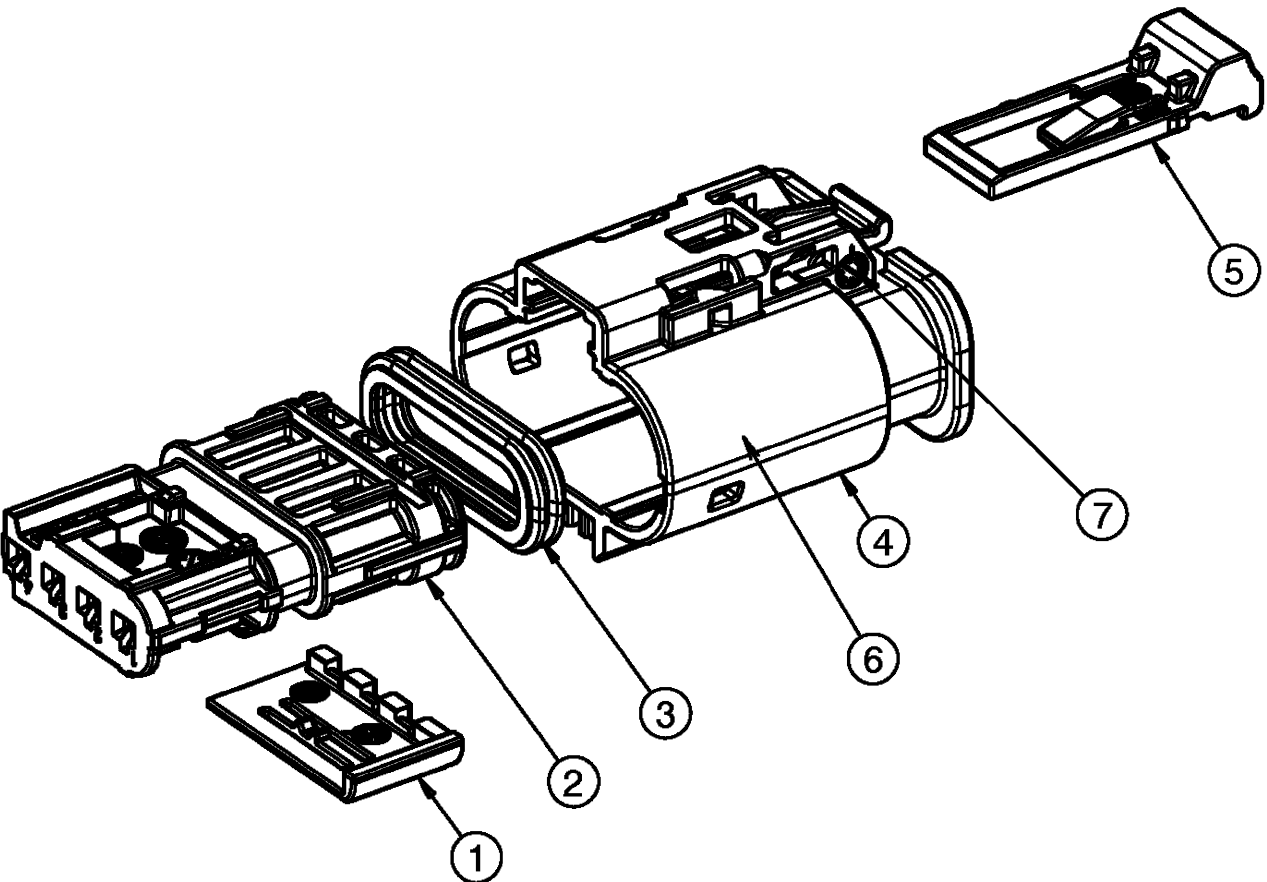
D

C

B

A

1. TPA
MATERIAL: PA66-GF30
COLOR: RED
2. CONTACT CARRIER
MATERIAL: PA66-GF30
COLOR: SEE TABLE ON PAGE 4
3. SEAL
MATERIAL: LSR
COLOR T3/V2: YELLOW
COLOR T4/V4: RED
4. HOUSING
MATERIAL: PA66-GF30
COLOR: SEE TABLE ON PAGE 4
5. CPA
MATERIAL: PA66-GF30
COLOR: LIGHT GREY
6. KOSTAL ARTICLE No.
CUSTOMER ARTICLE No.
MANUFACTURING CODE (5 or 8 Digits)
KEYING CODE
7. REVISION No. (ON OTHER SIDE)
CAVITY No. (ON OTHER SIDE)
DATE WHEEL (ON OTHER SIDE)



D

C

B

A



PAGE TITLE
EXPLODED VIEW /
MATERIAL SPECIFICATIONS

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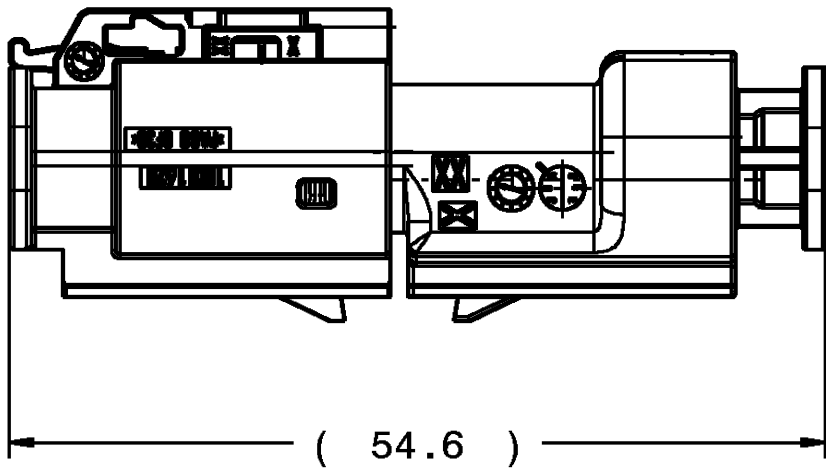
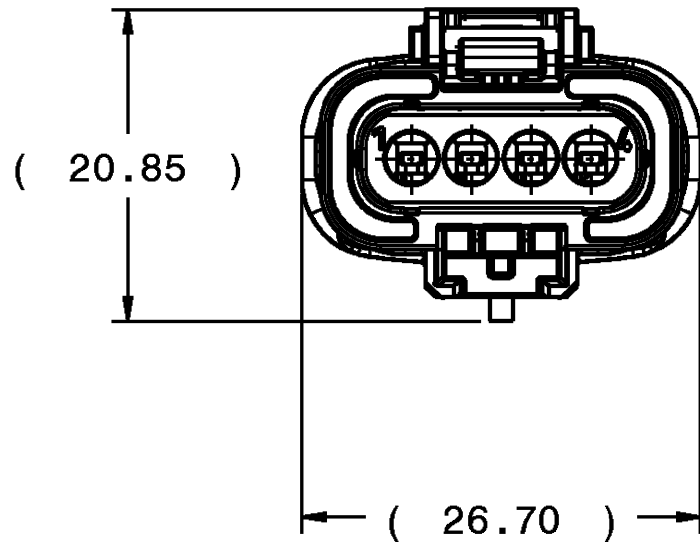
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1



CONNECTOR ASSEMBLY IN
FULLY MATED POSITION

NOTES:
CONNECTOR COMPLIES TO INTERFACE SPECIFICATION:
USCAR: 120-S-004-1-Z02
AK: WSK 013 070 EB



PAGE TITLE
DATUM LOCATIONS /
FEATURE CONTROL VIEWS

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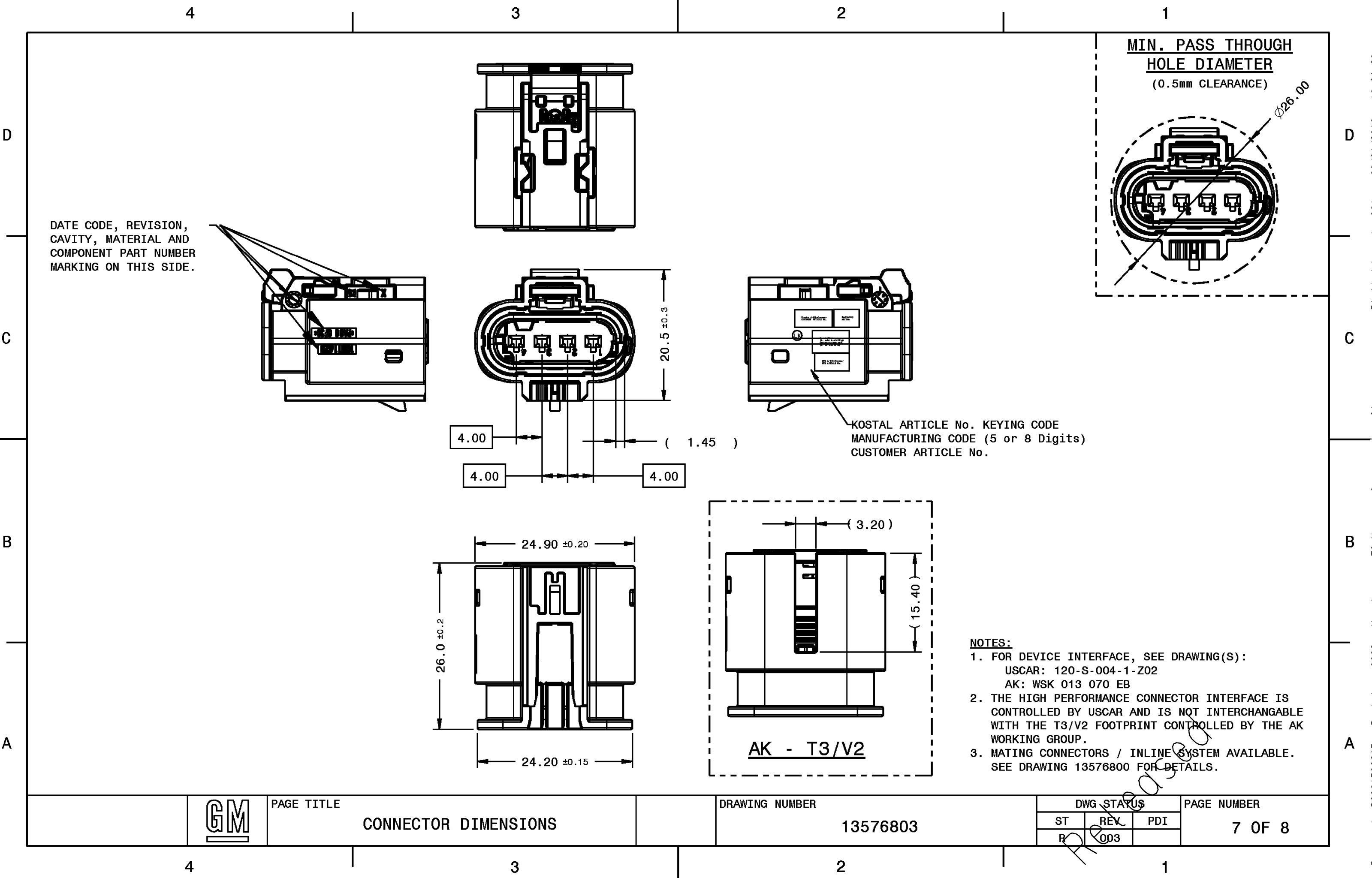
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PAGE TITLE
CONNECTOR DIMENSIONS

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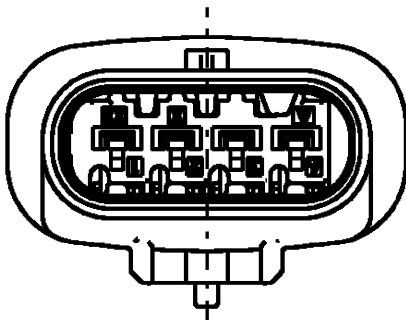
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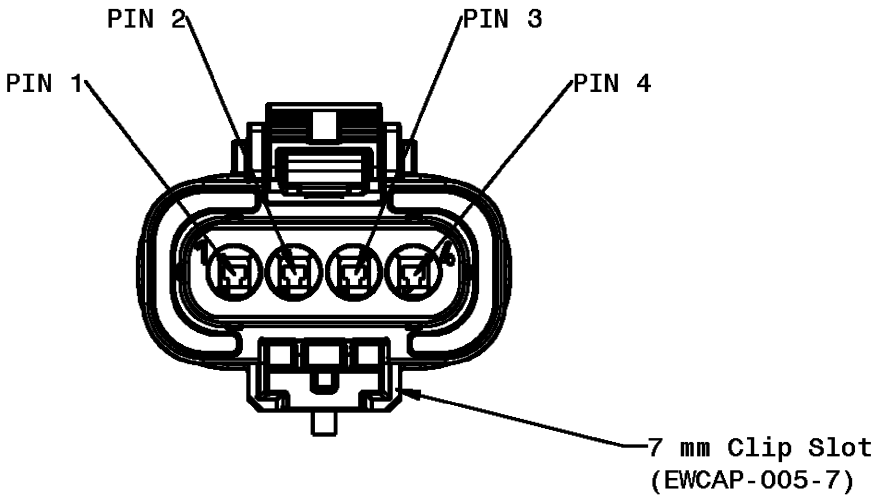
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2

1



MATING INTERFACE



CONNECTOR PIN OUT
WIRE SIDE

- NOTES:**
- 1. FOR DEVICE INTERFACE, SEE DRAWING(S):
USCAR: 120-S-004-1-Z02
AK: WSK 013 070 EB
 - 2. THE HIGH PERFORMANCE CONNECTOR INTERFACE IS CONTROLLED BY USCAR AND IS NOT INTERCHANGABLE WITH THE T3/V2 FOOTPRINT CONTROLLED BY THE AK WORKING GROUP.



PAGE TITLE
CONNECTOR MATING INTERFACE /
PIN OUT

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