

NOTES

- 1 CORROSION RESISTANT STEEL ENCLOSURE
- 2 - SWITCH SEALED PER MIL-S-8805, SYMBOL 5
- 3 - COINCIDENCE OF OPERATING AND RELEASING POINTS TO BE WITHIN .010 OF PLUNGER TRAVEL
- 4 - REPLACEMENT MOUNTING HARDWARE-PACKET: 19PA9
- 5 - FOR OPERATION IN TEMPERATURES OF -65°F TO $+257^{\circ}\text{F}$
- 6 HARDWARE MAY BE PACKAGED SEPARATELY PER MIL-S-8805 AND ATTACHED TO WIRE HARNESS
- 7 TO ADJUST ROLLER DIRECTION, REMOVE ROLLER GUIDE LOCK RING, SCREW ROLLER GUIDE DOWN AS FAR AS POSSIBLE, THEN UNSCREW TO DESIRED DIRECTION. SECURE BY REPLACING ROLLER GUIDE LOCK RING
- 8 ROLLER GUIDE LOCATION CAN VARY BETWEEN .362 AND .520 WHILE MAINTAINING .125 MIN TRAVEL
- 9 - REPLACEMENT ROLLER GUIDE AND LOCK RING PACKET: 15PA105
- 10 - REPLACEMENT LOCK RING PACKET: 15PA107
- 11 ONE, TWO, OR THREE CONDUCTOR SHIELDED CABLES SHALL BE PER RMS 329-39
- 12 OVERBRAIDED SHIELD TO BE \varnothing .0060 NICKEL PLATED COPPER WIRE PER QQ-W-343, ASTM-B-355 AND ROHR SPECIFICATION RPS 21.45
- 13 NOMEX OVERBRAID SHALL BE A 2/2 WEAVE/BRAID OF 10% F.E.P. COATED 1200 DENIER, 600 FILAMENT YARN.
- 14 - INITIATION AND TERMINATION PATTERN MAY BE REVERSED AT BRAIDING VENDOR'S OPTION, NOMEX BRAID ONLY
- 15 NAMEPLATE FOR FULL CABLE ASSEMBLY TO INCLUDE "SWITCH AND HARNESS ASSEMBLY--STOW - DEPLOY--38HE13-CA (REF) 266D0329-513--SERIAL NO. XXXX--DATE CODE X-XX AND MICRO SWITCH--91929."
- 16 - MAXIMUM ELECTRICAL LOAD, 1 AMP RESISTIVE AT 32 VDC
- 17 SWITCHES ARE TO BE TESTED PER QC 624 015 AND QC 624 016
- 18 SWITCH IDENTIFICATION SHOWN ON SWITCH SHALL INCLUDE THE FOLLOWING: "XXXHEX ((REF) MICRO SWITCH PART NUMBER) - STOW (OR DEPLOY) SWITCH--DS-XXX (CUSTOMER'S I.D. NUMBER)--CIRCUIT DIAGRAM--MICRO SWITCH--91929."
- 19 INDIVIDUAL CONDUCTORS TO BE STRIPPED AND TINNED .250 MIN AT FREE END OF CABLE
- 20 CUSTOMER WIRE TERMINATIONS TO BE PROTECTED FROM DAMAGE BY HEAT SHRINKABLE TUBING EXTENDING FROM 1.000 MIN OVERLAP OF THE NOMEX BRAID TO .500 MIN BEYOND WIRE ENDS. TO BE REMOVED BY CUSTOMER.
- 21 MAXIMUM ALLOWABLE DIAMETER OF FINISHED CABLE ASSEMBLY TO BE .550
- 22 CABLE COILED AND SECURED IN 2 PLACES WITH WIRE TIES, \varnothing 10 IN. MAX
- 23 INDIVIDUAL CONDUCTORS TERMINATED AS SHOWN AND NOT LABELED

DEPLOY SWITCH

STOW SWITCH

Dimensions:

- Deploy Switch: Ø .593, 1.725 ± .030 FREE POSITION, 2X .05, 1.10, 2X 1.200 MAX, (2X .348), 2X 45° ± 10°, SEE DETAIL A, 2X 3.800 ± .380
- Stow Switch: Ø .250, SR .47, 1.825 ± .030 FREE POSITION, 2X 1.200 MAX

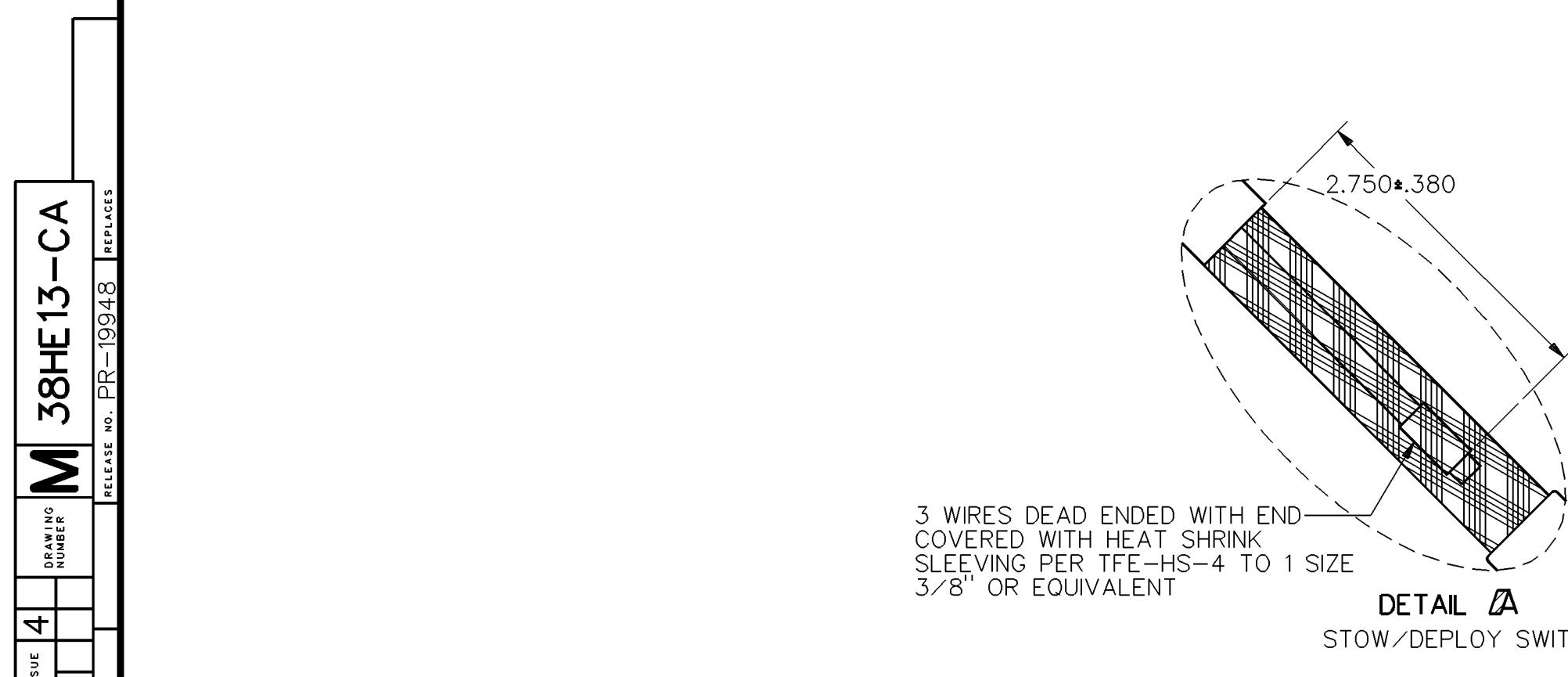
Components and Notes:

- Ø .375 X .12 WIDE CORROSION RESISTANT ROLLER
- ROLLER GUIDE MAY BE LOCKED IN INCREMENTS OF 45° AZIMUTH. IT MAY ALSO BE UNSCREWED AND REMOVED FROM BUSHING TO FACILITATE INSTALLATION \triangle
- CORROSION RESISTANT STEEL ROLLER GUIDE AND BUSHING
- CORROSION RESISTANT STEEL PLUNGER AND BUSHING
- 2X .072 ± .004 X .031 ± .003 DEEP KEYWAY TO .250 OF SHOULDER
- 4X HEX NUT .62 ACROSS FLATS X .125 THICK \triangle
- 2X INTERNAL TOOTH LOCKWASHER Ø .06 X (.018) THICK PER MS 35333-136 \triangle
- 2X CORROSION RESISTANT STEEL KEYING WASHER, Ø .72 X .040 THICK, TAB .110 WIDE PER MS 25081C4 \triangle
- Ø .047 HOLE FOR WIRE LOCKING
- 2X 15/32 UNS-2A THREAD TO WITHIN .093 OF SHOULDER
- NICKEL PLATED COPPER WIRE SHIELDING \triangle
- TWO CABLE \triangle
- NOMEX OVERBRAID \triangle
- SHIELDING OVERLAP PER ROHR PROCESS SPEC 21.45, FIG 4
- SEE DETAIL A

Technical drawing of a cable assembly with the following labels and dimensions:

- 9X BRADY WIRE I.D., LABELING PER SCHEMATIC DIAGRAM
- OVERBRAID SHIELD PIGTAIL, BRAIDED, END PROTECTED BY CUSTOMER REMOVED TEFLON TAPE. PIGTAIL 1.750 MIN LONG
- INDIVIDUAL CABLE SHIELDING, COMBED. ENDS PROTECTED BY CUSTOMER REMOVED SHRINK TUBING. PIGTAIL 1.000 MIN LONG
- PRESSURE SENSITIVE TEFLON TAPE .0035 THICK PER MIL-I-23594, TYPE II
- BRAIDED PIGTAIL 1.000 LONG MIN
- FOUR CABLE 11 13 21 22
- 19
- 20
- .750 MIN
- 72.000 MIN
- 3.000 MIN
- LASER MARKED STAINLESS STEEL NAMEPLATE 15

Technical drawing showing a bracket assembly with a central vertical slot and a horizontal base. The top of the slot has a width of 1.286. The distance from the top of the slot to the top edge is 1.250 MAX. The distance from the top of the slot to the .389 dimension is .750 MAX. The .389 dimension is ±.030. The distance from the top of the slot to the bottom edge is .778 MAX. A callout labeled 'STRAIN RELI' points to the base of the bracket.



CHARACTERISTICS	ELECTRICAL DATA	
OPERATING FORCE ----- 5 - 12 LB	CONTACT ARRANGEMENT 2X S P D T	
FULL OVERTRAVEL FORCE ----- 30 LB MAX	28 VDC	
RELEASE FORCE ----- 3 LB MIN	SEA LEVEL & 50.000 FT	
PRETRAVEL ----- .040 MAX	RES 1	
DIFFERENTIAL TRAVEL ----- .020 MAX	IND .5 	
OVERTRAVEL ----- .125 MIN	MOTOR	

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THIRD ANGLE PROJECTION	
SCALE	 
	FULL
DO NOT SCALE PRINT	
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE	
ONE PLACE	(.0) $\pm .030$
TWO PLACES	(.00) $\pm .015$
THREE PLACES	(.000) $\pm .005$
ANGLES	\pm
WEIGHT	1.9 LBS MAX

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